

REFERENCES

- Agnello, A. M., J. R. Bradley, Jr., J. W. Van Duyn. 1986a. Plant-mediated effects of postemergence herbicides on *Epilachna varivestis* (Coleoptera: Coccinellidae). *Environmental Entomology* 15:216-220.
- Agnello, A. M., J. R. Bradley, Jr., J. W. Van Duyn. 1986b. Influence of postemergence herbicides on populations of bean leaf beetle, *Cerotoma trifurcata* (Coleoptera: Chrysomelidae) and corn earworm, *Heliothis zea* (Lepidoptera: Noctuidae), in soybeans. *Journal of Economic Entomology* 81 (1):290-292.
- Agrochemicals Handbook. 1988. Clopyralid File. Palo Alto, CA: Dialog Information Services, Inc.
- Agrochemicals Handbook. 1989. Clopyralid File. Dialog Information Services, Inc. Palo Alto, CA.
- Agrochemicals Handbook. 1989. Mefluidide File. Palo Alto, CA: Dialog Information Services, Inc.
- Ahrensager, K. 1986a. *Pascopyrum smithii*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- Ahrensager, K. 1986b. *Tetradymia canescens*.
- Ahrensager, K. 1986c. *Tetradymia glabrata*.
- Ahrensager, K. 1987a. *Elymus elymoides*.
- Ahrensager, K. 1987b. *Taeniatherum caput-medusae*.
- Ahrensager, K. 1988. *Sporobolus cryptandrus*.
- Ahlgren, I. F., and C. E. Ahlgren. 1960. Ecological effects of forest fires. *Botanical Review* 26:483-535.
- Ahlgren, I. F., and C. E. Ahlgren. 1965. Effects of prescribed burning on soil microorganisms in a Minnesota jack pine forest. *Ecology* 46:304-310.
- Albini, F. A. 1976. Estimating wildfire behavior and effects. General Technical Report INT-30. Ogden, UT: United States Department of Agriculture, Forest Service, Intermountain Research Station.
- Aller, L., T. Bennett, J. H. Lehr, and R. J. Petty. 1985. DRASTIC: A standardized system for evaluating ground water pollution potential using hydrogeologic settings. EPA/600/2-85/018. Ada, Okla., 130 pp.
- All, S. 1984. Knapweed eradication program in Alberta. In Proceedings of the Knapweed Symposium. Bulletin 1315. Bozeman: Montana State University, Plant and Soil Science Department and Cooperative Extension Service. Alley, H. P. 1956. Chemical control of big sagebrush and its effect upon production and utilization of native grass species. *Weeds* 4:164-173.
- Altman, P. L., and D. S. Dittmer, eds. 1962. Growth: Including reproduction and morphological development. Washington, DC: Federation of American Society of Experimental Biology.
- American Cyanamid Company. 1985. Arsenal herbicide for brush control and forest management. Princeton, NJ: Agricultural Research Division.
- American Cyanamid Company. 1986. Summary of toxicology data on Imazapyr and Arsenal. Princeton, NJ: Agricultural Research Division.
- American Fisheries Society, Western Division. 1980. Position Paper on management and protection of western riparian stream ecosystems.
- American Petroleum Institute. 1982. Index and abstracts for reports and other publications. Project no. 1597. Medicine and Biological Science Department. Washington, DC: American Petroleum Institute.
- American Petroleum Institute. 1983. 28-day dermal toxicity study in the rabbit, hydrosulfurized kerosene sample 81-07. American Petroleum Institute medical research publication no. 30-32297.
- American Petroleum Institute. 1983b. Carcinogenic potential of key petroleum products. *American Petroleum Institute Medical Research Publication* no. 30-31646.
- Andersen, J. W. 1975. Laboratory studies on the effects of oil on marine organisms: An overview. American Petroleum Institute Publication no. 4249.
- Andersen, K. J., E. G. Leighty, and M. T. Takahashi. 1972. Evaluation of herbicides for possible mutagenic properties. *Journal of Agriculture and Food Chemistry* 20:649-656.
- Anderson, H. A. 1982. Aids to determining fuel models for estimating fire behavior. General Technical Report INT-122. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station.
- Anderson, K. L., E. F. Smith, and C. E. Owensby. 1970. Burning bluestem range. *Journal of Range Management* 23:81-92.
- Arnett, R. H., Jr., and R. L. Jacques, Jr. 1981. *Guide to insects*. New York: Simon and Schuster Inc.
- Arnold, W. R., and P. W. Santelmann. 1966. The response of native grasses and forbs to picloram. *Weeds* 14:74-76.
- Aro, R. S. 1971. Evaluation of pinyon-juniper conversion to grassland. *Journal of Range Management* 24:188-197.
- Aro, R. S. 1975. Pinyon-juniper woodland manipulation with mechanical methods. In *The pinyon-juniper ecosystem: A symposium*, eds. G. F. Figgot and F. E. Busby. Logan, UT: Utah State University.
- Austin, D. D., and P. J. Urness. 1983. Overwinter forage selection by mule deer on seeded big sagebrush-grass range. *Journal of Wildlife Management* 47:1203-1207.
- Bahler, C. C., K. P. Vogel, and L. E. Moser. 1984. Atrazine tolerance in warm-season grass seedlings. *Agronomy Journal* 76:891-895.
- Baker, J. N. 1958. Effect of gibberellic acid, 2,4-D, and indoleacetic acid on seed germination and epicotyl and radicle growth of intermediate and pubescent wheatgrass. *Journal of Range Management* 11:227-230.
- Baker, L. 1983. A priority listing and brief economic analysis of weed species for potential biological control in Montana. Unpublished report. Bozeman: Montana State University, Department of Plant and Soil Sciences.
- Baker, M. F., and N. C. Frischknecht. 1973. Small mammals increase on recently cleared and seeded juniper rangeland. *Journal of Range Management* 26:101-103.
- Banse, K., and S. Mosher. 1980. Adult body mass and annual production/biomass relationships of field populations. *Ecological Monographs* 50 (3): 355-379.
- Barney, M. A., and N. C. Frischknecht. 1974. Vegetation changes following fire in the pinyon-juniper type of west-central Utah. *Journal of Range Management* 27 (2): 91-96.
- Barrett, S. W. 1988. Fire suppression's effects on forest succession within a central Idaho wilderness. 3:76-80. *Western Journal of American Forestry*.

REFERENCES

- Barro, S. C., and S. G. Conard. 1987. Use of ryegrass seeding as an emergency revegetation measure in chaparral ecosystems. General Technical Report PSW-102. Berkeley, CA: United States Department of Agriculture, Forest Service, Pacific Southwest Research Station.
- Barry, J. W., R. B. Ekblad, P. A. Kenney, and L. A. Barber. 1983. Drift from aerial application to coniferous seed orchards. American Society of Agriculture Engineers paper no. AA-83-003.
- Bartel, L. E., and L. R. Rittenhouse. 1979. Herbicidal control of Gambel oak root sprouts in southwestern Colorado. *Down to Earth* 36:6-9.
- Barthel, E. 1981. Increased risk of lung cancer in pesticide-exposed male agricultural workers. *Journal of Toxicology and Environmental Health* 8:1027-1040.
- Basur, S. V., R. A. Fletcher, and R. K. Basur. 1976. In vitro effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on bovine cells. *Canadian Journal of Comparative Medicine*. 40:408-412.
- Baur, J. K. 1976. Effects of picloram and tebuthiuron on establishment of rye grass winter pasture. *Journal of Range Management* 31:450-455.
- Baur, J. R., R. W. Bovey, and M. G. Merkle. 1972. Concentration of picloram in runoff water. *Weed Science* 20:309-313.
- Bayless, S. R. 1969. Winter food habits, range use, and home range of antelope in Montana. *Journal of Wildlife Management* 33:538-551.
- Beaton, J. D. 1959. The influence of burning on the soil in the timber range area of Las Lejuene, British Columbia. I-II. *Canadian Journal of Soil Science* 39 (1): 1-11.
- Beck, L. S., D. I. Hepler, and K. L. Hansen. 1982. The acute toxicology of selected petroleum hydrocarbons. In Proceedings of the symposium... the toxicity of petroleum hydrocarbons, ed. H. N. MacFarland, C. E. Holdsworth, J. A. MacGregor, R. W. Call, and M. L. Kane. Washington, DC: American Petroleum Institute.
- Beck, R. F., and D. A. Tober. 1985. Vegetation changes on creosote bush sites after removal of shrubs, cattle and rabbits. Bulletin 717. Las Cruces, NM: New Mexico State University, Agricultural Experiment Station.
- Bedunah, E. D. J., and R. E. Sosebee. 1985. Influence of site manipulation on infiltration rates of a depleted west Texas range site. *Journal of Range Management* 38:200-205.
- Behnke, R. J. 1979. The Native Trout of the Genus *Salmo* of Western North America. Monograph by US Forest Service, Fish and Wildlife Service and BLM.
- Bellies, R. P., and F. J. Mecler. 1982. Inhalation teratology of jet fuel A, fuel oil, and petroleum naphtha in rats. In Proceedings of the symposium... the toxicology of petroleum hydrocarbons, ed. MacFarland, H. N., C. E. Holdsworth, J. A. MacGregor, R. W. Call, and M. L. Kane. Washington, DC: American Petroleum Institute.
- Benson, L., and R. A. Darrow. 1981. *Trees and shrubs of the southwestern deserts*. 3rd ed. University of Arizona Press, Tucson, AZ.
- Bentner, E. L., and D. Anderson. 1943. The effect of surface mulches on water conservation and forage production in some semi-desert soils. *Journal of American Society of Agronomy* 35:393-400.
- Berkley, M. C. and K. R. Magee. 1963. Neuropathy following exposure to a demethylamine salt of 2,4-D. *Archives of Internal Medicine* 111:351-352.
- Best, L. B. 1972. First-year effects of sagebrush control on two sparrows. *Journal of Wildlife Management* 36:534-544.
- Bingham, E., R. P. Trosset, and D. Warshawsky. 1979. Carcinogenic potential of petroleum hydrocarbons. *Journal of Environmental Pathology and Toxicology* 3:483-563.
- Biodynamics, Inc. Undated. Interim report: A chronic dietary toxicity and oncogenicity study with Ac 243,997 in rats. Project No. 84-2862. East Millstone, NJ.
- Bissell, H. D. 1955. The crude protein variations in the browse diet of California deer. *California Fish and Game* 41:145-155.
- Blackburn, G. R., R. A. Dietch, C. A. Schreiner, and C. R. Mackerer. 1984. Correlation of in vitro mutagenicity with dermal carcinogenicity for complex, petroleum-derived mixtures. *Environmental Mutagenesis* 6:454.
- Blackburn, W. H. 1975. Factors influencing infiltration and sediment production of semiarid rangeland in Nevada. *Water Resources Research* 11:929-937.
- Blackburn, W. H., and C. M. Skau. 1974. Infiltration rates and sediment production of selected plant communities in Nevada. *Journal of Range Management* 27:476-480.
- Blackburn, W. H., and P. T. Tueller. 1970. Pinyon and juniper invasion in black sagebrush communities in east central Nevada. *Ecology* 51:841-848.
- Blackburn, W. W. 1983. Influence of brush control on hydrologic characteristics of range watersheds. In Proceedings of brush management symposium, ed. K. C. McDaniel. 73-78. Denver, CO: Society for Range Management.
- Blair, A. 1982. Cancer risks associated with agriculture: Epidemiologic evidence. In *Genetic Toxicology*, eds. R. Fleck and A. Hollaender. New York: Plenum Publishing Corporation.
- Blair, A., D. Grauman, J. Lubin, and J. Fraumeni. 1983. Lung cancer and other causes of death among licensed pesticide applicators. *Journal of the National Cancer Institute* 71 (1): 31-37.
- Blair, A., H. Walker, K. Cantor, L. Burmeister, and K. Wiklund. 1985. Cancer among farmers. *Scandinavian Journal of Work Environmental Health* 11:397-407.
- Blair, A., and D. White. 1981. Death certificate study among farmers in Wisconsin. *Journal of the National Cancer Institute* 66 (6): 1027-1030.
- Blair, A., and D. White. 1985. Leukemia cell types and agricultural practices in Nebraska. *Archives of Environmental Health* 40 (4): 211-214.
- Blair, A., and T. Thomas. 1979. Leukemia among Nebraska Farmers: A death certificate study. *American Journal of Epidemiology* 110 (3): 264-273.
- Blaisdell, J. P. 1953. Ecological effects of planned burning of sagebrush-grass range on the upper Snake River Plains. Technical Bulletin 1075. Washington, DC: U.S. Department of Agriculture.
- Blaisdell, J. P., and R. C. Holmgren. 1984. Managing intermountain rangelands—salt desert shrub ranges. General Technical Report INT-163. U.S. Department of Agriculture, Forest Service, Intermountain Research Station.
- Blaisdell, J. P., and W. F. Mueggler. 1956. Effect of 2,4-D on forbs and shrubs associated with big sagebrush. *Journal of Range Management* 9:38-40.
- Blaisdell, J. P., R. B. Murray, and E. D. McArthur. 1982. Managing intermountain rangelands—sagebrush-grass ranges. General Technical Report INT-134. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.

REFERENCES

- Blakley, B. R. 1986a. The effect of oral exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice. *International Journal of Immunopharmacology* 8 (1): 93-99.
- Blakley, B. R. and P. M. Blakley. 1986b. The effect of prenatal exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid (2,4-D) on the immune response of mice. *Teratology* 33 (1): 15-20.
- Blakley, B. R. and B. H. Schiefer. 1986c. The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice. *Journal of Applied Toxicology* 6 (4): 291-295.
- Bleak, A. T., N. C. Frischknecht, A. D. Plummer, and R. E. Eckert, Jr. 1985. Problems in artificial and natural revegetation of the arid shadscale vegetation zone of Utah and Nevada. *Journal of Range Management* 18:59-65.
- Bock, C. E., and J. H. Bock. 1978. Response of birds, small mammals, and vegetation to burning sacaton (*Sporobolus wrightii*) grasslands in southeastern Arizona (Wildfires). *Journal of Range Management* 31 (4).
- Bock, C. E., J. H. Bock, K. L. Jepson, and J. C. Ortega. 1986. Ecological effects of planting African levetegrasses in Arizona. *National Geographic Research* 2:456-463.
- Borror, D. J., and R. E. White. 1970. A field guide to the insects of America north of Mexico. *Peterson Field Guide series*. Boston: Houghton Mifflin Co.
- Boschung, H. T., Jr., J. D. Williams, D. W. Gotshall, D. K. Caldwell, and M. C. Caldwell. 1983. The Audubon Society field guide to North American fishes, whales, and dolphins. New York: Alfred A. Knopf, Inc.
- Bovey, R. W. 1964. Aerial applications of herbicides for the control of sand sagebrush. *Journal of Range Management* 17:194-196.
- Bovey, R. W., F. S. Davis, and M. G. Merkle. 1967. Distribution of picloram in hulsache after foliar and soil applications. *Weeds* 15:245-249.
- Bowes, G., and E. S. Molberg. 1975. Picloram for the control of leafy spurge. *Canadian Journal of Plant Science* 55:1023-1027.
- Bowns, J. E., personal communication dated May 22, 1990.
- Box, T. W., J. Powell, and D. L. Drawe. 1967. Influence of fire on south Texas chaparral communities. *Ecology* 48:955-961.
- Brackley, G. K. 1987. SCS inventory and classification procedures, p. 231-235. IN Proc. Pinyon-Juniper Conference. USDA Forest Service. Gen. Tech. Rep. INT-215. Intermountain Research Station. Ogden, Utah.
- Bradley, A. 1986a. *Chrysothamnus nauseosus*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- Bradley, A. 1986b. *Chrysothamnus viscidiflorus*.
- Bradley, A. 1986c. *Festuca idahoensis*.
- Bradley, A. 1986d. *Poa secunda*.
- Bradley, A. 1986e. *Pseudoroegneria spicata*.
- Bradley, A. 1986f. *Purshia tridentata*.
- Bradley, A. F. 1984. Rhizome morphology, soil distribution, and the potential fire survival of eight woody understory species in western Montana. M. A. thesis, Department of Botany, University of Montana, Missoula, MT.
- Brady, N. C. 1974. *The nature and property of soils*. 8th ed. New York: MacMillan Publishing.
- Branson, F. A. 1985. Vegetation changes on western rangelands. Denver, CO: Society for Range Management.
- Branson, F. A., G. F. Gifford, K. G. Renard, and R. F. Hadley. 1981. Rangeland hydrology. 2d ed. Denver, CO: Society for Range Management.
- Branson, F. A., R. F. Miller, and I. S. McQueen. 1966. Contour furrowing, pitting, and ripping on rangelands in the western United States. *Journal of Range Management* 19:182-190.
- Braun, C. E., T. Britt, and R. O. Wallestad. 1977a. Guidelines for maintenance of sage grouse habitats. *Wildlife Society Bulletin* 5:99-106.
- Braun, R., J. Schoneich, and D. Ziebarth. 1977b. In vivo formation of N-nitroso compounds and detection of their mutagenic activity in the host-mediated assay. *Cancer Research* 37:4572-4579.
- Bridges, B. A., and M. L. Mendelsohn. 1986. Genetic toxicology of environmental chemicals, part B: Genetic effects and applied mutagenesis. New York: Alan R. Liss, Inc.
- Brinson, M. M., B. L. Swift, R. C. Plantico, and J. S. Barclay. 1981. Riparian ecosystems: Their ecology and status. U.S. Department of the Interior, Fish and Wildlife Service, Biological Services publication FWS/OBS-81/17.
- Britton, C. M., and M. H. Ralphs. 1978. Use of fire as a management tool in sagebrush ecosystems. In The sagebrush ecosystem: A synopsis, 101-109. Utah State University.
- Britton, C. M., and F. A. Sneva. 1983a. Big sagebrush control with tebuthiuron. *Journal of Range Management* 36:707-708.
- Britton, C. M. and H. A. Wright. 1983b. Brush management with fire. In Proceedings of the brush management symposium, ed. K. C. McDaniel, 61-68. Denver, CO: Society for Range Management.
- Brock, J. H., W. H. Blackburn, and R. H. Haas. 1982. Infiltration and sediment production on a deep hardland range site in north central Texas. *Journal of Range Management* 35:195-198.
- Brockman, C. F. 1968. *Trees of North America*. New York: Golden Press.
- Brown, A. A., and K. P. Davis. 1973. *Forest fire: control and use*. New York: McGraw-Hill Book Company.
- Brown, D. E., ed. 1982. Desert plants. Vol. 4. University of Arizona, Tucson, AZ, for the Boyce Thompson Southwestern Arboretum.
- Brown, J. C., R. A. Evans, and J. A. Young. 1985. Effects of sagebrush control methods and seeding on runoff and erosion. *Journal of Range Management* 38:195-199.
- Brown, J. K., and D. G. Simmerman. 1986. Appraising fuels and flammability in western aspen: A prescribed fire guide. General Technical Report INT-205. Ogden, UT: United States Department of Agriculture, Forest Service, Intermountain Research Station.
- Brown, L. 1985. *Grasslands: The Audubon Society nature guides*. New York: Alfred A. Knopf.

REFERENCES

- Bruner, A. D., and D. A. Klebenow. 1978. A technique to burn pinyon-juniper woodlands in Nevada. General Technical Report INT-219. Ogden, UT: United States Department of Agriculture, Forest Service, Intermountain Research Station.
- Brusick, D. 1987. *Principles of genetic toxicology*. 2d ed. New York: Plenum Press.
- Brusick, D. J., J. Ashby, F. deSerres, P. Lohman, T. Matsushima, B. Matter, M. Mendelsohn, and M. Waters. 1986. Weight of evidence scheme for evaluation and interpretation of short-term results. In *Genetic toxicology of environmental chemicals*, part B: Genetic effects and applied mutagenesis. New York: Alan R. Liss, Inc.
- Bucher, Robert R. 1984. The potential cost of spotted knapweed to Montana range users. Cooperative Extension Service Bulletin 1316. Bozeman: Montana State University.
- Buckhouse, J. C. 1985. Effects of fires on rangeland watersheds. In *Rangeland fire effects: A symposium*, 58-60. Boise, ID: Bureau of Land Management.
- Buckhouse, J. C., and G. F. Gifford. 1976a. Sediment production and infiltration rates as affected by grazing and debris burning on chained and seeded pinyon-juniper. *Journal of Range Management* 29:83-84.
- Buckhouse, J. C., and G. F. Gifford. 1976b. Grazing and debris burning on pinyon-juniper sites—some chemical water quality implications. *Journal of Range Management* 29:299-301.
- Buffington, L. C., and C. H. Herbel. 1965. Vegetation changes on a semidesert grassland range from 1858 to 1963. *Ecological Monographs* 35:139-164.
- Bureau of National Affairs, Inc., 1989. Air pollution control. BNA Policy and Practice Series, no. 108 (February 1989). Washington, DC.
- Burkhardt, J. W., and E. W. Tisdale. 1976. Causes of juniper invasion in southwestern Idaho. *Ecology* 57 (3): 472-484.
- Burks, S. L. 1982. Effects of oil on aquatic organisms: A review of selected literature. Prepared for the American Petroleum Institute, Washington, DC.
- Burt, W. H. 1952. A field guide to the mammals. Boston: Houghton Mifflin Co.
- Burt, W. H., and R. P. Grossenheider. 1966. A field guide to the mammals. Boston: Houghton Mifflin.
- Cable, D. R. 1965. Damage to mesquite, Lehmann lovegrass and black grama by a hot June fire. *Journal of Range Management* 18:326-328.
- Cable, D. R. 1975. Range management in the chaparral type and its ecological basis: The status of our knowledge. Research Paper RM-155. Ft. Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Cable, D. R. 1976. Twenty years of changes in grass production following mesquite control and reseeding. *Journal of Range Management* 29:286-289.
- Calabrese, E. J. 1978. *Pollutants and high risk groups*. New York: John Wiley and Sons Inc.
- Calabrese, E. J. 1983. *Principles of animal extrapolation*. New York: John Wiley and Sons.
- Calabrese, E. J. 1985. Uncertainty factors and interindividual variation. *Regulatory Toxicology and Pharmacology* 5:190-196.
- Calabrese, E. J., and M. W. Dorsey. 1984. *Healthy living in an unhealthy world*. New York: Simon and Schuster.
- California Department of Food and Agriculture. 1986. Summary of toxicological data for amitrole.
- California Department of Food and Agriculture. 1986. Summary of toxicological data for atrazine.
- California Department of Food and Agriculture. 1986. Summary of toxicological data for bromacil.
- California Department of Food and Agriculture. 1986. Summary of toxicological data on picloram.
- Call, M. W. 1974. Habitat requirements and management recommendations for sage grouse. U.S. Department of the Interior, BLM Technical note 1220-5.
- Call, M. W., and C. Masser. 1985. Wildlife Habitats in Managed Rangelands - The Great Basin of Southeastern Oregon. Sage Grouse. Gen. Tech. Report PNW-187. USDA. Pacific Northwest Forest and Range Exp. Station. US Forest Service.
- Callison, J., J. D. Brotherson, and J. E. Bowns. 1985. The effects of fire on the blackbrush (*Coleogyne ramosissima*) community of southwestern Utah. *Journal of Range Management* 38:535-538.
- Cambell, R. E., M. B. Baker, P. F. Ffolliott, F. R. Larson, and C. C. Avery. 1977. Wildfire effects on a ponderosa pine ecosystem: An Arizona case study. Research Paper RM-191. U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station.
- Canadian Centre for Toxicology. 1987. Expert panel report on carcinogenicity of 2,4-D. March 23, 1987. Guelph, Ontario, Canada.
- Canfield, R. H. 1939. The effect of intensity and frequency of clipping on density and yield of black grama and tobosa grass. Technical Bulletin 681. Washington, DC: U.S. Department of Agriculture.
- Canode, C. L., W. C. Robocker, and T. J. Muzik. 1962. Grass seed production as influenced by chemical control of downy brume. *Weeds* 10:216-219.
- Cantor, K., 1982. Farming and mortality from non-Hodgkin's lymphoma: A case-control study. *International Journal of Cancer* 29:239-247.
- Cantor, K., and A. Blair. 1984. Farming and mortality from multiple myeloma: A case-control study with the use of death certificates. *Journal of the National Cancer Institute* 72 (2): 251-255.
- Cantor, K., G. Everett, A. Blair, R. Gibson, L. Schuman, and P. Isocson. 1985. Farming and non-Hodgkin's lymphoma. *American Journal of Epidemiology* 122:535.
- Carsel, R.F., C.N. Smith, L.A. Mulkey, J.D. Dean, and P. Jowise. 1984. Users manual for the pesticide root zone model (PRZM). Environmental Protection Agency, EPA-600/3-84-109.
- Carter, C. O. 1977. The relative contribution of mutant genes and chromosome abnormalities to genetic ill-health in man. In *Progress in genetic toxicology*. Vol. 2., ed. D. Scott, B. A. Bridges, and F. H. Sobels. Amsterdam: Elsevier/North Holland.
- Cary, J. W., and D. D. Evans, eds. 1974. Soil crusts. Technical Bulletin 214. Tucson, AZ: University of Arizona, University of Arizona Agricultural Experiment Station.
- Castrale, J. S. 1982. Effects of two sagebrush control methods on nongame birds. *Journal of Wildlife Management* 46:945-952.

REFERENCES

- Charley, J. L., and N. E. West. 1975. Plant-induced soil chemical patterns in some shrub-dominated semidesert ecosystems of Utah. *Journal of Ecology* 63:945-964.
- Chase, A. 1971. *Manual of the grasses of the United States*. 2 vols. New York: Dover Publications Inc.
- Chase, Richard. 1985. Crop losses caused by weeds in Idaho. Pacific Northwest Weed Topics, Volume 85-1. January 15, 1985.
- Christensen, N. L., and C. H. Muller. 1975. Effects of fire on factors controlling plant growth in *Adenostoma chaparral*. *Ecological Monographs* 45:29-55.
- Chrosiewicz, Z. 1986. Foliar moisture content variations in four coniferous tree species of central Alberta. *Canadian Journal of Forest Research* 16:157-162.
- Chu, M. M., and D. Kamely. 1988. Environmental cancer and biotechnology. In *Biotechnology*. Vol. 6. June 1988.
- Clark, B. 1989. Personal communication.
- Clark, D. E., C. E. Coppock, G. W. Iure. 1981. Residues of the plant growth regulator mefluidide [N-[2,4-Dimethyl-5-[[trifluoromethyl)sulfonyl]amino] phenyl]acetamide] in the milk and tissues of lactating dairy cows: A 28-day feeding study. *Journal of Agricultural Food Chemistry* 29:1175-1179.
- Clark, J. S. 1989. The forest is for burning. *Natural History*. January (1): 50-53.
- Clary, W. P. 1971. Effects of Utah juniper removal on herbage yields from Springville soils. *Journal of Range Management* 24:373-378.
- Clary, W. P. 1974. Response of herbaceous vegetation to felling of alligator juniper. *Journal of Range Management* 27:387-389.
- Clary, W. P., M. B. Baker, Jr., P. F. O'Connell, T. N. Johnsen, Jr., and R. E. Campbell. 1974. Effects of pinyon-juniper removal on natural resource products and uses in Arizona. Research Paper RM-128. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Clary, W. P., S. Goodrich, and B. M. Smith. 1985. Response of tebuthiuron by Utah juniper and mountain big sagebrush communities. *Journal of Range Management* 38:56-60.
- Clary, W. P., and D. A. Jameson. 1981. Herbage production following tree and shrub removal in the pinyon-juniper type of Arizona. *Journal of Range Management* 34:109-113.
- Clary, W. P., and D. C. Morrison. 1973. Large alligator junipers benefit early-spring forage. *Journal of Range Management* 26:70-71.
- Cluff, G. J., J. A. Young, and R. A. Evans. 1983. Edaphic factors influencing the control of Wyoming big sagebrush and seedling establishment of crested wheatgrass. *Journal of Range Management* 36:786-792.
- Coffelt, M. A., and P. B. Schultz. 1988. Influence of plant growth regulators on the development of the azalea lace bug (Hemiptera: Tingidae). *Journal of Economic Entomology* 81 (1): 290-292.
- Collings, M. R., and R. M. Myrick. 1966. Effects of juniper and pinyon eradication on stream flow from Corduroy Creek Basin, AZ. U.S. Geological Survey Professional Paper 149-B.
- Colton, T. 1986. Herbicide exposure and cancer-editorial. *Journal of the American Medical Association* 256 (9): 1176-1178.
- Combs, E. 1990. Biological Control of Weeds, Status Report, 1990. Oregon Department of Agriculture.
- Conant, R. 1958. A field guide to reptiles and amphibians of the United States and Canada east of the 100th meridian. Boston: Houghton Mifflin Co.
- Conaway, C. C., C. A. Schreiner, and S. T. Cragg. 1982. Mutagenicity evaluation of petroleum hydrocarbons. In: Symposium proceedings, ed. H. N. MacFarland, C. E. Holdsworth, J. A. MacGregor, R. W. Call, and M. L. Kane. Washington, DC: American Petroleum Institute.
- Connell, D. W., and G. J. Miller. 1984. *Chemistry and ecotoxicology of pollution*. New York: John Wiley and Sons.
- Cook, C. W. 1966a. Carbohydrate reserves in plants. Resources Series #31. Utah Agricultural Experiment Station.
- Cook, C. W. 1966b. The role of carbohydrate reserves in managing range plants. Mimeo Series 499. Utah Agricultural Experiment Station.
- Cooperrider, A. Y., R. J. Boyd, and H. R. Stuart, eds. 1986. Inventory and monitoring of wildlife habitat. Vol. xviii. Denver, CO: U.S. Department of the Interior, Bureau of Land Management Service Center.
- Cox, J. R., and G. C. Jordan. 1983. Density and production of seeded range grasses in southeastern Arizona (1970-1982). *Journal of Range Management* 36:649-652.
- Cox, J. R., R. M. H. Martin, F. A. Ibarra F., and H. L. Morton. 1986. Establishment of range grasses on various seedbeds at creosotebush (*Larrea tridentata*) sites in Arizona, U.S.A., and Chihuahua, Mexico. *Journal of Range Management* 34:540-546.
- Cox, J. R., H. L. Morton, T. N. Johnsen, Jr., G. L. Jordan, S. C. Martin, and L. C. Fleo. 1982. Vegetation restoration in the Chihuahuan and Sonoran Deserts of North America. ARM-W-28. U.S. Department of Agriculture, Agriculture Resource Service.
- Cronquist, A., A. H. Holmgren, N. H. Holmgren, and J. L. Reveal. 1972. *Intermountain flora*. Vol. 1. New York: Hafner Publishing Co., Inc.
- Crouch, G. L. 1974. Interaction of deer and forest succession on clear cuttings in the coast range of Oregon. *Wildlife and Forest Management in the Pacific Northwest*. 133-148. Corvallis, OR: Oregon State University.
- Crump, K. S. 1983. Statement as expert witness in the case of Northwest Coalition for Alternatives to Pesticides (NCAP) et al. v. J. R. Block et al. Civil case 83-6273-E, U.S. District Court for the District of Oregon.
- Damuth, J. 1981. Home range, home range overlap, and species energy use among herbivorous mammals. *Zoological Journal of the Linnean Society* 15:185-193.
- Daubenmire, R. 1970. Steppe vegetation of Washington. Technical Bulletin 62. Washington Agricultural Experiment Station.
- Daubenmire, R. 1975. Plant succession on abandoned fields, and fire influences, in a steppe area in southeastern Washington. *Northwest Science* 49 (1): 36-48.
- Daubenmire, R. F. 1952. Forest Vegetation of Northern Idaho and adjacent Washington and its bearing on concepts of vegetation classification. *Ecological Monographs* 22:301-330.
- Davies, J. E., V. H. Freed, H. F. Enos, R. C. Duncan, A. Barquet, C. Morgade, L. Peters, and J. Danauskas. 1982. Reduction of pesticide exposure with protective clothing for applicators and mixers. *Journal of Occupational Medicine* 24 (6): 464-468.

REFERENCES

- Davis, E. A., and P. A. Ingebo. 1973. Picloram movement from a chaparral watershed. *Water Resources Research* 9:1304-1313.
- Davis, E. A., and C. P. Pass. 1969. Selective control of brush on chaparral watersheds with soil-applied fenuron and picloram. Research Note RM-140. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Davis, E. A., and C. P. Pass. 1977. Root system of shrub live oak: Implications for water yield in Arizona chaparral. *Journal of Soil and Water Conservation*. July-August.
- Davis, O. K. 1987. Palynological evidence for historic juniper invasion in central Arizona: a late-Quaternary perspective, pp. 120-124. IN Proc. Pinyon-Juniper Conference. USDA Forest Service. Gen. Tech. Rep. INT-215. Intermountain Research Station. Ogden, Utah.
- DeBano, L. F., and C. E. Conrad. 1978. The effect of fire on nutrients in a chaparral ecosystem. *Ecology* 59:489-497.
- DeBano, L. F., P. H. Dunn, and C. E. Conrad. 1977. Fire's effects on physical and chemical properties of chaparral soils. In Proceedings of the symposium on environmental consequences of fire and fuel management in mediterranean ecosystems, 65-74. Palo Alto, CA.
- DeBano, L. F., S. M. Savage, and D. A. Hamilton. 1976. The transfer of heat and hydrophobic substances during burning. *Soil Science Society of America Proceedings*, 40:777-782.
- DeByle, N. V. 1985. Management for esthetics and recreation, forage, water, and wildlife. In Aspen: Ecology and Management in the Western United States. General Technical Report RM-119. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- DeByle, N. V., and R. P. Winokur. 1985. Aspen: Ecology and management in the Western United States. General Technical Report RM-119. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- Denniston, C. 1982. Low level radiation and genetic risk estimation in man. *Annual Review of Genetics* 16:329-355.
- Dick-Peddie, W. A., and J. P. Hubbard. 1977. Classification of riparian vegetation. Importance, preservation and management of riparian vegetation: A symposium. General Technical Report RM-43. U.S. Department of Agriculture, Forest Service.
- Dickerson, M. C. 1969. The frog book: *North American toads and frogs*. New York: Dover Publications.
- Donahue, R. L., R. W. Miller, and J. C. Shickluna. 1977. *Soils*. 4th ed. Englewood Cliffs, NJ: Prentice-Hall.
- Dost, F. N. 1983. An analysis of human health hazards associated with some herbicides used in forestry. Prepared for the Oregon State Office of the Bureau of Land Management. Portland, OR: Bureau of Land Management.
- Dost, F. N. 1986. An estimate of carcinogenic risk associated with polycyclic aromatic hydrocarbons in smoke from prescribed burning in forestry. Corvallis, OR: Department of Agriculture, Chemistry, Oregon State University.
- Doull, J., C. D. Klaassen, and M. O. Amdur. 1980. *Cassarett and Doull's toxicology*. 2d ed. New York: Macmillan Publishing.
- Dow Chemical Company. n.d. Technical information on triclopyr, the active ingredient of Garlon herbicides. Midland, MI: Agricultural Productions Department.
- Dow Chemical Company. 1985. Correspondence to Richard J. Nolan, Mammalian and Environmental Toxicology Research Laboratory, to Larry Gross, U.S. Forest Service, regarding triclopyr toxicology data. October 22, 1985.
- Dow Chemical Company. 1987. Supplement information concerning triclopyr and picloram (with additional 2,4-D comments) for use in development of a vegetation management environmental impact statement for the southern region. Submitted to U.S. Forest Service and Labat-Anderson Incorporated. Midland, MI: Dow Chemical Company.
- Draper, W. M., and J. C. Street. 1982. Application exposure to 2,4-D, dicamba, and a dicamba isomer. *Journal of Environmental Sciences and Health* B17 (4): 321-339.
- Drozdz, A. 1968. Digestibility and assimilation of natural foods in small rodents. *Acta Theriologica* 13 (21): 367-389.
- Du Pont Chemical Company. 1982. Technical data sheet for chloresulfuron. Wilmington, DE: Biochemicals Department.
- Du Pont Chemical Company. 1983. Technical data sheet for sulfometuron methyl. Wilmington, DE: Agricultural Chemicals Department.
- Du Pont Chemical Company. 1984a. Technical data sheet for hexazinone. Wilmington, DE: Agricultural Chemicals Department.
- Du Pont Chemical Company. 1984b. Technical data sheet for metsulfuron methyl. Wilmington, DE: Biochemicals Department.
- Du Pont Chemical Company. 1986. Material safety data sheet for Oust herbicide. Wilmington, DE: Agricultural Products Department.
- Du Pont Chemical Company. 1987. Product information for Kre-nite™, Oust™, and Velpar™. Wilmington, DE.
- Dunn, P. H., and L. F. DeBano. 1977. Fire's effect on biological and chemical properties of chaparral soils. In Symposium on the environmental consequences of fire and fuel management in Mediterranean ecosystems, 75-84. Palo Alto, CA.
- Dwyer, D. B. 1972. Burning and nitrogen fertilization of tobosa grass. Bulletin 595. Las Cruces, NM: New Mexico State University Agricultural Experiment Station.
- Dwyer, D. D., J. C. Buckhouse, and W. S. Huey. 1984. Impacts of grazing intensity and specialized grazing systems on the use and value of rangeland. In Summary and recommendations for developing strategies for rangeland management: A report prepared by the committee on developing strategies for rangeland management, 867-884. Natural Resource Council/National Academy of Science.
- Dwyer, D. D., and R. D. Pieper. 1987. Fire effects on blue grama-pinyon-juniper rangeland in New Mexico. *Journal of Range Management* 20:359-362.
- Dyrness, C. T., and A. Norum. 1983. The effects of experimental fires on black spruce forest floors in interior Alaska. *Canadian Journal of Forest Research* 13 (5): 879-893.
- Eaton, B. J., D. G. Wilson, and W. L. Kurtz. 1978. Tolerance of several forage grasses to tebuthiuron. *Society for Range Management Abstracts of Papers* 31:56.
- Eckert, R. E., Jr. 1975. Improvement of mountain meadows in Nevada. Research Report. U.S. Department of the Interior, Bureau of Land Management.
- Eckert, R. E., Jr., A. D. Bruner, G. J. Klomp, and F. F. Peterson. 1973a. Mountain meadow improvement through seeding. *Journal of Range Management* 26:200-203.

REFERENCES

- Eckert, R. E., Jr., A. D. Bruner, G. J. Klomp, and F. F. Peterson. 1973b. Control of Rocky Mountain iris and vegetation response on mountain meadows. *Journal of Range Management* 26:352-355.
- Eckert, R. E., Jr., M. K. Wood, W. H. Blackburn, and F. F. Peterson. 1979. Impacts of off-road vehicles on infiltration and sediment production of two desert soils. *Journal of Range Management* 32:394-397.
- Eddleman, L. E. 1987. Establishment and stand development of western juniper in central Oregon, pp. 255-259. IN Proc. Pinyon-Juniper Conference. USDA Forest Service. Gen. Tech. Rep. INT-215. Intermountain Research Station. Ogden, Utah.
- Eddy, S. 1957. *The Freshwater Fishes. Dubuque, Iowa.* Wm. C. Brown Co.
- Ehling, U. H. 1988. Quantification of the genetic risk of environmental mutagens. *Risk Analysis* 8:45-57.
- Eriksson, M. L., L. Hardell, N. O. Berg, T. Moller, and O. Axelsson. 1981. Soft tissue sarcomas and exposure to chemical substances: Case referent study. *British Journal of Industrial Medicine* 38:27-33.
- Erne, K. 1974. Phenoxy herbicide residues in Swedish fish and wildlife. In *Pesticides environmental quality and safety*. Vol. III, supplement, ed. F. Coulston, F. Korte, F. Klein, and I. Rosenblum. Stuttgart, West Germany: Georg Thieme Publishers.
- Evans, R. A. 1988. Management of pinyon-juniper woodlands. U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, Ogden, UT. General Technical Report INT-249.
- Evans, R. A., R. E. Eckert, Jr., and J. A. Young. 1975. The role of herbicides in management of pinyon-juniper woodlands. In *The pinyon-juniper ecosystem: A symposium*. Logan, UT: Utah State University.
- Evans, R. A., R. E. Eckert, Jr., and J. A. Young. 1986. High technology weed control-revegetation systems for establishment and maintenance of crested wheatgrass. In *Crested wheatgrass: Its values, problems and myths; symposium proceedings*, ed. K. L. Johnson, 91-96. Logan, UT: Utah State University.
- Evans, R. A., J. A. Young, and R. E. Eckert, Jr. 1969a. Herbaceous weed control and revegetation of semi-arid and rangelands in western United States. *Outlook on Agriculture* 6:60-66.
- Evans, R. A., R. E. Eckert, Jr., B. L. Kay, and J. A. Young. 1969b. Downy brome control by soil active herbicides for revegetation on rangelands. *Weed Science* 17:166-169.
- Evans, R. A., and J. A. Young. 1985. Plant succession following control of western juniper (*Juniperus occidentalis*) with picloram. *Weed Science* 33:63-68.
- Evans, R. A., J. A. Young, and R. E. Eckert, Jr. 1979. Use of herbicides as a management tool. In *The sagebrush ecosystem: A symposium*, 110-116. Logan, UT: Utah State University.
- Everett, R. L. 1987a. Allelopathic effects on pinyon and juniper litter on emergence and growth of herbaceous species. In *Proceedings of symposium: Seed and seedbed ecology of rangeland plants*, ed. G. W. Frasier, and R. A. Evans, 62-67. April 21-23, 1987. Tucson, AZ: U.S. Department of Agriculture, Agricultural Reserve Service.
- Everett, R. L. 1987b. Plant response to fire in the pinyon-juniper zone. In *Proceedings—Pinyon-juniper conference*, 152-157. General Technical Report INT-215. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station.
- Everett, R., and W. Clary. 1985. Fire effects and revegetation on juniper-pinyon woodlands. In *Rangeland fire effects; A symposium*, 33-37. Boise, ID: Bureau of Land Management.
- Fagerstone, K. A., H. P. Tieffen, and G. K. LaVole. 1977. Effects of range treatment with 2,4-D on prairie dog diet. *Journal of Range Management* 30:57-60.
- Feldman, R. J., and H. I. Malbach. 1974. Percutaneous penetration of some pesticides and herbicides in man. *Toxicology and Applied Pharmacology* 28:126-132.
- Folliott, P. F., and D. B. Thorud. 1975. Water yield improvement by vegetation management: Focus on Arizona. PB-246-055 U.S. Department of Agriculture, Forest Service, National Technical Information Service.
- Fisher, H. L., B. Most, and L. L. Hall. 1985. Dermal absorption of pesticides calculated by deconvolution. *Journal of Applied Toxicology* 5 (3): 163-177.
- Fisser, H. G. 1968. Soil moisture and temperature changes following sagebrush control. *Journal of Range Management* 21:283-287.
- Flinn, M. A., and R. W. Wein. 1977. Depth of underground plant organs and theoretical survival during fire. *Canadian Journal of Botany* 55:2550-2554.
- Folmar, L. C., H. O. Sanders, and A. M. Jullin. 1979. Toxicity of the herbicide glyphosate and several of its formulations to fish and aquatic invertebrates. *Archives of Environmental Contamination and Toxicology* 8:269-278.
- Forcella, Frank and Stephen J. Harvey. 1981. *New and exotic weeds of Montana*. Vol. II: Migration and distribution of 100 alien weeds in Northwestern USA, 1880-1980. Helena: Montana Department of Agriculture.
- Fowells, H. A., and R. E. Stephenson. 1933. Effect of burning on forest soils. *Soil Science* 38:175-181.
- Frandsen, W. H. and K. C. Ryan. 1986. Soil moisture reduces belowground heat flux and soil temperatures under a burning fuel pile. *Canadian Journal of Forest Research* 16:244-248.
- Franklin, C. A., R. Grover, J. W. Markham, A. E. Smith, and K. Yashida. 1982. Effect of various factors on workers involved in aerial spraying of herbicides. *Transactions of the Canadian Journal of Industrial Hygiene* 43:97-177.
- French, R. A. 1984. Extension education program relative to weeds in Missoula county. In *Proceedings of the Knapweed Symposium*. Bulletin 1315. Bozeman: Montana State University, Plant and Soil Science Department and Cooperative Extension Service.
- French, R. A. and J. R. Lacey. 1983. Knapweed: Its cause, effect and spread in Montana. Cooperative Extension Service Circular 307. Bozeman: Montana State University.
- Frisina, M. R. and F. G. Morin. 1989. Grazing Private and Public Land to Improve the Fleece Elk Winter Range. U.S. Forest Service, Butte, MT.
- Froehlich, H. A. 1973. The impact of even-age forest management on physical properties of soils. Paper 848:199-220. Corvallis, OR: Oregon State University, School of Forestry.
- Fuller, W. H., S. Shannon, and P. S. Burgess. 1955. Effect of burning on certain forest soils of Northern Arizona. *Forest Science* 1:44-50.
- Gallagher, A., and W. H. Vanden Born. 1976. Tolerance of creeping red fescue and timothy to herbicides used to control Canada thistle. *Canadian Journal of Plant Science* 56:331-338.

REFERENCES

- Garrison, G. A., A. J. Bjugstad, D. A. Duncan, M. E. Lewis, and D. R. Smith. 1977. Vegetation and environmental features of forest and range ecosystems. Agriculture Handbook no. 475. U.S. Department of Agriculture, Forest Service.
- Gebel, H.S. 1987. Roswell District Brush Control Results and Recommendations. USDI, BLM.
- Germano, D. J. 1978. Response of selected wildlife to mesquite removal in desert grassland. Master's thesis, University of Arizona, Tucson.
- Germano, D. J., R. Hungerford, and S. C. Martin. 1983. Responses of selected wildlife species to the removal of mesquite from desert grassland. *Journal of Range Management* 36:309-311.
- Gersich, F. M., D. L. Hopkins, and D. P. Milazzo. 1985. Acute and chronic toxicity of technical picloram (4-amino-3,5,6-trichloropicolinic acid) to *Daphnia magna* Straus. *Bulletin of Environmental Contamination and Toxicology* 35:121-126.
- Gesink, R. W., H. P. Alley, and G. A. Lee. 1973. Vegetative response to chemical control of broom snakeweed on a blue grama range. *Journal of Range Management* 26:139-143.
- Ghassemi, M., L. Fargo, Page Painter, Pam Painter, S. Quinlivan, R. Scofield, and A. Takata. 1981. Environmental fates and impacts of major forest use pesticides. Prepared for U.S. EPA, Office of Pesticides and Toxic Substances. Redondo Beach, CA: TRW Environmental Division.
- Gibbens, R. P., C. H. Herbel, and J. M. Lenz. 1987. Field-scale tebuthiuron application on brush-infested rangeland. *Weed Technology* 1:323-327.
- Gifford, G. F. 1968. Influence of various rangeland cultural treatments on runoff, sediment production, and soil moisture patterns in the big sagebrush type East Gate Basin, Nevada. Ph.D. diss., Utah State University, Logan.
- Gifford, G. F. 1972. Infiltration rates and sediment production trends on a plowed big sagebrush site. *Journal of Range Management* 25:53-55.
- Gifford, G. F. 1975. Impacts of pinyon-juniper manipulation on watershed values. In *The pinyon-juniper ecosystem: A symposium*, 127-140. Logan, UT: Utah State University.
- Gifford, G. F. 1981. Impact of burning pinyon-juniper debris on select soil properties. *Journal of Range Management* 34:357-359.
- Gifford, G. F. 1982. A long-term infiltrometer study in southern Idaho. *Journal of Hydrology* 58:367-374.
- Gifford, G. F., G. Williams, and G. G. Coltharp. 1970. Infiltration and erosion studies on pinyon-juniper conversion sites in southern Utah. *Journal of Range Management* 23:402-406.
- Gleason, H. A., and A. Cronquist. 1963. Manual of vascular plants of northeastern United States and adjacent Canada. Princeton, NJ: D. Van Nostrand Co., Inc.
- Glenn, B. P., J. Bond, S. Glenn. 1987. Effects of mefluidide treatment, nitrogen fertilization and tall fescue variety on nutrient metabolism by growing sheep fed fall-harvested stages. *Journal of Animal Science* 65:797-807.
- Goldstein, N. P., P. H. Jones, and J. R. Brown. 1959. Peripheral neuropathy after exposure to an ester of dichlorophenoxyacetic acid. *Journal of the American Medical Association* 171:1306-1309.
- Gordon, M. S., G. A. Bartholomew, A. D. Grinnell, C. B. Jorgensen, and F. N. White. 1968. *Animal function: Principles and adaptations*. New York: Macmillan Company.
- Goss, D. 1988. Pesticide-soil interaction: Potentials for loss. In: Integrating water quality and quantity into conservation planning. Soil Conservation Service and Cooperative Extension Service Joint Water Quality Workshops. October-November, 1988.
- Green, L. M. 1986. Mortality analysis of Ontario Hydro forestry tradesmen, cohort 1950-1982: Executive summary. Health Services Department, Health and Safety Division. Toronto, Ontario: Ontario Hydro.
- Greenhalgh, R. 1978. IUPAC Commission on Terminal Pesticides. *Journal of the Association of Official Agricultural Chemists*. 64 (4): 841-868.
- Griffith, L. W., G. E. Schuman, F. Rauzi, and R. E. Baumgartner. 1985. Mechanical renovation of shortgrass prairie for increased herbage production. *Journal of Range Management* 38:7-10.
- Grissom, R. E., Jr., C. Brownie, and F. E. Guthrie. 1985. Dermal absorption of pesticides in mice. *Pesticide Biochemistry and Physiology* 24:119-123.
- Gruell, G. E. 1983. Fire and vegetative trends in the northern Rockies: interpretations from 1871-1982 photographs. USDA Forest Service. Gen. Tech. Rep. INT-158. Intermountain Research Station. Ogden, Utah, 117 p.
- Guthery, F. S., T. E. Anderson, and V. W. Lehmann. 1979. Range rehabilitation enhances cotton rate in South Texas. *Journal of Range Management* 32:354-356.
- Gysel, L. W., and L. J. Lyon. 1980. Habitat analysis and evaluation. In *Wildlife technical manual*, ed. S. D. Schemnitz, 305-327. Washington, DC: The Wildlife Society.
- Hahnkamp, C. and D. Pence. 1984. East pioneer noxious weed control program. In proceedings of the Knapweed Symposium. Bulletin 1315. Bozeman: Montana State University, Plant and Soil Science Department and Cooperative Extension Service.
- Halifax, J. C., and C. J. Scifres. 1972. Influence of dicamba on development of range grass seedlings. *Weed Science* 20:414-416.
- Hall, R. J. 1980. Effects of environmental contaminants in reptiles: A review. Special Science Report no. 228. Washington, DC: U.S. Department of the Interior, Fish and Wildlife Service.
- Halter, M. T. 1980. 2,4-D in the aquatic environment. In Literature reviews of four selected herbicides: 2,4-D, Dichlobenil, Diquat, and Endothall. Seattle, WA: Municipality of Metropolitan Seattle.
- Hansen, W. H., M. L. Qualfe, R. T. Haberman, and O. G. Fitzhugh. 1971. Chronic toxicity of 2,4-D in rats and dogs. *Toxicology and Applied Pharmacology* 20:111-129.
- Hardell, L. and A. Sandstrom. 1979. Case-control study: Soft tissue sarcomas and exposure to phenoxyacetic acids or chlorophenols. *British Journal of Cancer* 39:7711-7717.
- Hardell, L., M. Eriksson, and P. Lenner. 1981. Malignant lymphoma and exposure to chemicals, especially organic solvents, chlorophenols, and phenoxy acids: A case-control study. *British Journal of Cancer* 43:1169-1176.
- Harlow, W. M., and E. S. Harrar. 1953. *Textbook of dendrology*. New York: McGraw-Hill Book Co.
- Harniss, R. O., and R. B. Murray. 1973. 30 years of vegetal change following burning of sagebrush-grass range. *Journal of Range Management* 26:322-325.
- Harper, J. L. 1977. *Population biology of plants*. New York: Academic Press.

REFERENCES

- Hastings, J. R., and Turner, R. M. 1965. *The changing mile*. Tucson, AZ: University of Arizona Press.
- Hawkins, R. H. 1987. Applied hydrology in the pinyon-juniper type. In Proceedings of pinyon-juniper conference, comp. R. L. Everett. General Technical Report INT-215, 493-504. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Hayes, A. W. 1982. *Principles and methods of toxicology*. New York: Raven Press.
- Hayes, W. J. 1982. *Pesticides studied in man*. Baltimore: Williams and Wilkins.
- Hazleton Laboratories. 1986. Pathology summary on carcinogenicity in mice with 2,4-dichlorophenoxyacetic acid, unscheduled deaths, and terminal sacrifice. Unpublished report. Project #2184-101. Vienna, VA.
- Heath, R. C. 1984. Ground-water regions of the United States. U.S. Geological Survey Water Supply paper 2242. Washington, DC: U.S. Government Printing Office.
- Hendricks, B. A., and J. M. Johnson. *Effects of fire on steep mountain slopes in central Arizona*.
- Herbel, C. H. 1984a. Manipulative range improvements: summary and recommendations. In Developing strategies in rangeland management, 1167-1178. National Research Council/National Academy of Sciences. Boulder, CO: Westview Press.
- Herbel, C. H. 1984b. Successional patterns and productivity potentials of range vegetation in the warm, arid portions of the southwestern United States. In Developing strategies in rangeland management, 1333-1365. National Research Council/National Academy of Sciences. Boulder, CO: Westview Press.
- Herbel, C. H. 1985. Vegetation changes on arid rangelands of the southwest. *Journal of Range Management* 7:19-21.
- Herbel, C. H., G. H. Abernathy, C. C. Yarbrough, and D. K. Gardner. 1973. Rootplowing and seeding arid rangelands in the southwest. *Journal of Range Management* 26:193-197.
- Hibbert, A. R., E. A. Davis, and D. G. Scholl. 1974. Chaparral conversion potential. Part I: Water yield response and effects on other resources. Research Paper RM-126. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Hickerson, J. 1986. *Artemisia spinescens*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- Hironaka, M., M. A. Fosberg, and A. H. Winward. 1983. Sagebrush-grass habitat types of southern Idaho. Bulletin No. 35, Moscow, ID: University of Idaho, Forest, Wildlife, and Range Experiment Station.
- Hoar, S. K., A. Blair, F. F. Holmes, C. D. Boysen, R. J. Robel, R. Hoover, and J. F. Fraumeni, Jr. 1986. Agricultural herbicide use and risk of lymphoma and soft-tissue sarcoma. *Journal of the American Medical Association* 256 (9): 1141-1147.
- Hobbs, N. T., and R. A. Spowart. 1984. Effects of prescribed fire on nutrition of mountain sheep and mule deer during winter and spring. *Journal of Wildlife Management* 48:551-560.
- Hoerger, F., and E. E. Kenaga. 1972. Pesticide residues on plants: Correlation of representative data as a basis for estimation of their magnitude in the environment. In *Environmental quality and safety*. Vol. 1, Global aspects of toxicology and technology as applied to the environment, ed. F. Coulston. New York: Academic Press.
- Hoffman, D. J., and P. H. Albers. 1984. Evaluation of potential embryotoxicity and teratogenicity of 42 herbicides, insecticides, and petroleum contaminants to mallard eggs. *Archives of Environmental Contamination and Toxicology* 13:15-27.
- Holechek, J. L., R. D. Picper, and C. H. Herbel. 1989. *Range management principles and practices*. Englewood Cliffs, NJ: Prentice Hall.
- Hollfield, J. L. 1987a. *Ceratoides lanata*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- Hollfield, J. L. 1987b. *Cowania mexicana var. stansburiana*.
- Hollfield, J. L. 1987c. *Grayia spinosa*.
- Hollfield, J. L. 1987d. *Hilaria jamesii*.
- Hollfield, J. L. 1987e. *Opuntia polycantha*.
- Houston, W. R. 1977. Species susceptibility to atrazine herbicide on shortgrass range. *Journal of Range Management* 30:50-52.
- Howard, R. P., and M. L. Wolfe. 1976. Range improvement practices and feruginous hawks. *Journal of Range Management* 29:33-37.
- Howard, V. W., Jr., K. M. Cheap, R. H. Hler, T. G. Thompson, and J. A. Dimas. 1987. Effects of cabling pinyon-juniper on mule deer and lagomorph use. In Proceedings pinyon-juniper conference, comp. R. L. Everett, 552-557. General Technical Report INT-215. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Howard, W. E., R. L. Fenner, and H. E. Childs. 1959. Wildlife survival in brush burns. *Journal of Range Management* 12:230-234.
- Hubbard, W. A. 1975. Increased range forage production by reseeding and the chemical control of knapweed. *Journal of Range Management* 28:406-407.
- Hudson, R. H., R. K. Tucker, and M. A. Haeghele. 1984. *Handbook of toxicity of pesticides to wildlife*. 2d ed. Washington, DC: U.S. Department of the Interior, Fish and Wildlife Service.
- Humphrey, R. R. 1962. *Range ecology*. NY: Ronald Press.
- Humphrey, R. R., and L. A. Mehrhoff. 1958. Vegetation changes on Arizona grassland ranges. *Ecology* 39:720-726.
- Hunt, C. B. 1973. *Natural regions of the United States and Canada*. San Francisco: W. H. Freeman and Co.
- Hunter, R., A. Wallace, and E. M. Rohney. 1978. Persistent atrazine toxicity in Mohave Desert shrub communities. *Journal of Range Management* 31:199-203.
- Hurd, R. M. 1955. Effect of 2,4-D on some herbaceous range plants. *Journal of Range Management* 8:126-128.
- Hutchinson, V. H., W. G. Whitford, and M. Kohl. 1988. Relation of body size to gas exchange in anurans. *Physiological Zoology* 41:65-85.
- Hutten, N. C., and G. F. Gifford. 1988. Some hydrologic impacts of plowing rangeland soils. *Water Resources Bulletin* 24:175-181.
- Hyder, D. N. 1971. Species susceptibilities to 2,4-D on mixed-grass prairie. *Weed Science* 19:526-528.
- Hyder, D. N., and F. A. Sneya. 1962. Selective control of big sagebrush associated with bitterbrush. *Journal of Range Management* 15:211-215.

REFERENCES

- ICPEMC Committee 1. 1983.** Final report: Screening strategy for chemicals that are potential germ-cell mutagens in mammals. *Mutation Research* 114:117-177.
- Innes, J. R. J., B. M. Ulland, M. G. Valerio, L. Petrucelli, L. Fishbein, E. R. Hart, A. J. Pallota, R. R. Bates, H. L. Falk, J. J. Gart, M. Klein, I. Mitchell, and J. Peters. 1969.** Bioassays of pesticides and industrial chemicals for tumorigenicity in mice: A preliminary note. *Journal of the National Cancer Institute* 42:1101-1114.
- International Technical Information Institute. 1976.** Toxic and hazardous industrial chemicals safety manual. Tokyo, Japan.
- Irvine, A. M., J. C. Forbes, and S. R. Draper. 1977.** Effect of 2,4-D on the water-soluble carbohydrate content of ragwort (*Senecio jacobaea* L.) leaves. *Weed Research* 17:169-172.
- Jackson, J. B. 1966.** Toxicologic studies on a new herbicide in sheep and cattle. *American Journal of Veterinary Research* 27 (118): 821-824.
- Jacoby, P. W., D. N. Ueckert, and F. S. Hartman. 1982.** Control of creosotebush (*Larrea tridentata*) with pelleted tebuthiuron. *Weed Science* 30:307-310.
- Jager, D. J. 1972.** The influence of cultural practices and seeded species on overland flow and sediment production from the big sagebrush cover type in East Gate Basin. Ph.D. diss., University of Nevada, Reno.
- James, S. 1984.** Lignotubers and burls—Their structure, function and ecological significance in Mediterranean ecosystems. *Botanical Review* 50 (3): 225-266.
- Jameson, D. A. 1962.** Effects of fire on galleta-black grama range invaded by juniper. *Ecology* 43:760-763.
- Jenson, E. A. 1984.** Data requirements for economic evaluation of a knapweed containment program. In Proceedings of the Knapweed Symposium. Bulletin 1315. Bozeman: Montana State University, Plant and Soil Science Department and Cooperative Extension Service.
- John-Greene, J. A., J. H. Ouellette, T. K. Jeffries, K. A. Johnson, and K. S. Rao. 1985.** Teratological evaluation of picloram potassium salts in rabbits. *Food Chemistry Toxicology* 23 (8): 753-756.
- Johnson, C. R. 1976.** Herbicide toxicities in some Australian anurans and the effect of subacute dosages on temperature tolerance. *Zoological Journal of the Linnean Society* 59:79-83.
- Johnson, J. R., and G. F. Payne. 1968.** Sagebrush reinvasion as affected by some environmental influences. *Journal of Range Management* 21:209-213.
- Johnson, K. L. 1987.** Sagebrush types as ecological indicators to integrated pest management (IPM) in the sagebrush ecosystem of western North America. In Integrated pest management on rangeland. State of the art in the sagebrush ecosystem, ARS-50, ed. J. A. Onsager, 1-10. U.S. Department of Agriculture, Agriculture Research Service, Springfield, VA: National Technical Information Service.
- Johnson, R. R. and L. T. Haight. 1985.** Avian Use of Xeroriparian Ecosystems in the North American Warm Deserts. In *Riparian Ecosystems and Their Management: Reconciling Conflicting Uses*. pp 156-160. Tucson, AZ.
- Johnsen, T. N., Jr. 1987.** Using herbicides for pinyon-juniper control in the Southwest. In Proceedings—Pinyon-juniper conference. General Technical Report INT-215. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Johnsen, T. N., Jr., and W. L. Warskow. 1980.** Effects of fall burning of chaparral woodland on soil residues of picloram. *Weed Science* 28:282-284.
- Johnson, W. W., and M. T. Finley. 1980.** Handbook of acute toxicity of chemicals to fish and aquatic invertebrates. Resource Publication no. 137. Washington, DC: U.S. Department of the Interior, Fish and Wildlife Service.
- Jones, J. R., and N. V. DeByle. 1985.** Fire. In *Aspen: Ecology and management in the western United States*, eds. Norbert V. DeByle and Robert P. Winokur. General Technical Report RM-119, pp. 77-81. Fort Collins, CO: United States Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- Jones, R. D. 1983.** Rotomowing antelope bitterbrush—Preliminary report. In Proceedings, research and management of bitterbrush and cliffrose in western North America, comp. A. R. Tiedemann and K. L. Johnson, 158-162. General Technical Report INT-152. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Jones, V. E., and R. D. Petit. 1984.** Low Rates of Tebuthiuron for Control of Sand Shinnery Oak. *Journal of Range Management* 37:488-490.
- Jordan, G. L. 1981.** Range seeding and brush management on Arizona rangelands. T81121. Tucson, AZ: University of Arizona, Agricultural Experiment Station.
- Jorgensen, J. R., and C. S. Hodges. 1971.** Effects of prescribed burning on microbial characteristics of soil. Prescribed burning proceedings. U.S. Department of Agriculture, Forest Service, Southeast Station.
- Jurgensen, M. F., M. J. Larsen, and A. E. Harvey. 1979.** Forest soil biology-timber harvesting relationships. General Technical Report INT-69. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station.
- Kearney, P. C., J. E. Oliver, C. S. Helling, A. R. Isensee, and A. Kontson. 1977.** Distribution, movement, persistence, and metabolism of N-nitrosoatrazine in soils and a model aquatic ecosystem. *Journal of Agriculture and Food Chemistry* 25 (5): 1177-1181.
- Keaschall, J. L., J. M. Laughlin, and R. E. Gold. 1986.** Effect of laundering procedures and functional finishes on removal of insecticides selected from three chemical classes. In Performance of protective clothing. ASTM STP 900, ed. R. L. Baker and G. C. Coleta, 162-176. Philadelphia: American Society for Testing and Materials.
- Keay, J. A., and J. M. Peek. 1980.** Relationships between fires and winter habitat of deer in Idaho. *Journal of Wildlife Management*.
- Keeley, J. E. 1987.** Role of fire in seed germination of woody taxa in California chaparral. *Ecology* 68 (2): 434-443.
- Keeley, J. E., and P. H. Zedler. 1978.** Reproduction of chaparral shrubs after fire: a comparison of sprouting and seeding strategies. *American Midland Naturalist* 99:142-161.
- Kelsey, R. G. 1984.** Living with spotted knapweed minimizing economic impact research possibilities. In Proceedings of the Knapweed Symposium. Bulletin 1315. Bozeman: Montana State University, Plant and Soil Science Department and Cooperative Extension Service.
- Kenaga, E. E. 1969.** TORDON herbicides—evaluation of safety to fish and birds. *Down to Earth* 25 (1): 5-9.
- Kenaga, E. E. 1979.** Acute and chronic toxicity of 75 pesticides to various animal species. *Down to Earth* 35 (2): 25-31.

REFERENCES

- Kendeigh, S. C. 1969. Tolerance of cold and Bergmann's rule. *The Auk* 86:13-25.
- Kendeigh, S. C. 1970. Energy requirements for existence in relation to size of bird. *The Condor* 72:60-65.
- Kirsch, L. M., and A. D. Kruse. 1972. Prairie fires and wildlife. Tall timbers fire ecology conference. 12:289-305.
- Klebanow, D. A. 1985. Big game response to fire in sagebrush-grass rangelands. In *Rangeland fire effects*, 53-57.
- Klebanow, D. A., R. Beall, A. Bruner, R. Mason, B. Roundy, W. Stager, and K. Ward. 1978. Controlled fire as a management tool in the pinyon-juniper woodland, Nevada. Annual Progress Report. Reno, NV: University of Nevada.
- Klebanow, D. A., and R. C. Beall. 1977. Fire impacts on birds and mammals on Great Basin rangelands. In *Rangeland management fire symposium*, 59-62. Casper, WY.
- Klomp, G. J., and A. C. Hull, Jr. 1968a. Effects of 2,4-D on emergence and seedling growth of range grasses. *Journal of Range Management* 21:67-70.
- Klomp, G. J., and A. C. Hull, Jr. 1968b. Herbicidal residues on crested wheatgrass. *Weeds* 16:315-317.
- Klots, E. B. 1966. The new field book of freshwater life. Putnam Nature Field Book. New York: G.P. Putnam's Sons.
- Knopf, F. L., R. R. Johnson, T. Rich, F. B. Samson, and R. C. Szaro. 1988. Conservation of riparian ecosystems in the United States. *Wilson Bulletin*, 100 (2): 272-284.
- Knutson, Lloyd. 1990. Biological Control of Weeds Laboratory-Europe Shipment Records, Section IV and V. 1980-1989. USDA-ARS, Rome, Italy.
- Kociba, R. J. and R. W. Mullison. 1985. Toxicological interactions with agricultural chemicals. *Farm Supplier*, August 1985.
- Koeman, J. H., T. Horramans, and H. L. Maas. 1969. Accumulation of diuron in fish. *Mededelingen Rijksfakulteit Landbouw Wetenschappen Gent* 34 (3): 428-433.
- Kolmodin-Hedman, B., S. Hoglund, and M. Akerblom. 1983. Studies on phenoxy acid herbicides. I. Field study: occupational exposure to phenoxy acid herbicides (MCPA, Dichlorprop, Mecoprop and 2,4-D) in agriculture. *Archives of Toxicology* 54:257-265.
- Kopischke, E. D. 1972. The effect of 2,4-D and diesel fuel on egg hatchability. *Journal of Wildlife Management* 36:1353-1356.
- Korthuis, S. L. 1988a. Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- Korthuis, S. L. 1988b. Larrea tridentata. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Science Laboratory.
- Krausman, P. R., K. R. Rautenstrauch, and B. D. Leopold. 1985. Xeroriparian Systems Used by Desert Mule Deer in Texas and Arizona. In *Riparian Ecosystems and Their Management: Reconciling Conflicting Uses*. pp 144-149. Tucson, AZ.
- Kufeld, R. C. 1968. Range type-conversion programs in Colorado and their impact on deer, elk and sage grouse. Western Association State Game and Fish Commissioners proceedings. 48:173-157.
- Kufeld, R. C. 1977. Improving Gambel oak ranges for elk and mule deer by spraying with 2,4,5-TP. *Journal of Range Management* 30:53-57.
- Kundaell, J. N., and H. G. Reynolds. 1972. Desert cottontail use of natural and modified pinyon-juniper woodland. *Journal of Range Management* 25:116-118.
- Laboratory-Europe. Biological Control of Weeds, Laboratory-Europe Shipment Records 1980-1989.
- Lacey, C. A. and P. K. Fay. 1984. Montana's spotted knapweed awareness program. In Proceedings of the Knapweed Symposium. Bulletin 1315. Bozeman: Montana State University, Plant and Soil Science Department and Cooperative Extension Service.
- Lagler, R. F. et al. 1974. Adjuvants decrease insecticide hazard to honey bees. College of Agriculture Research Center bulletin no. 801. Pullman, WA: Washington State University.
- Lancaster, D. L., J. A. Young, and R. A. Evans. 1987. Weed and brush control tactics in the sagebrush ecosystem. In Integrated pest management on rangeland. State of the art in the sagebrush ecosystem, ed. J. A. Onsager, 11-14. U.S. Department of Agriculture, Agriculture Research Service. Springfield, VA: National Technical Information Service.
- Lanner, R. M. 1977. The eradication of pinyon-juniper woodland: has the program a legitimate purpose? *Western Wildlands Spring Issue*. pp 12-17.
- Lasiewski, R. C., and W. A. Calder, Jr. 1971. A preliminary allometric analysis of respiratory variables in resting birds. *Respiration Physiology* 11:152-166.
- Lasiewski, R. C., and W. R. Dawson. 1967. A reexamination of the relation between standard metabolic rate and body weight in birds. *The Condor* 69:13-23.
- Laughlin, J. M., C. B. Easley, R. E. Gold, and R. M. Hill. 1986. Fabric parameters and pesticide characteristics that impact on dermal exposure of applicators. In Performance of protective clothing ASTM STP 900, ed. R. L. Baker and G. C. Coleta, 13-150. Philadelphia: American Society for Testing and Materials.
- Lavy, T. L., and J. D. Mattice. 1986. Progress in pesticide exposure and future concerns. *Toxicology Letters* 33:61-71.
- Lavy, T. L., J. D. Mattice, and L. A. Norris. 1984. Exposure of forestry applicators using formulations containing 2,4-D, dichlorprop, or picloram in non-aerial applications. Prepared for the U.S. Department of Agriculture, Forest Service. Corvallis, OR.
- Lavy, T. L., L. A. Norris, J. D. Mattice, and P. B. Marx. 1987. Exposure of forestry ground workers to 2,4-D, picloram and dichlorprop. *Environmental Toxicology and Chemistry* 6:209-224.
- Lavy, T. L., J. S. Sheper, and J. D. Mattice. 1980. Exposure measurements of applicators spraying (2,4,5-trichlorophenoxy)acetic acid in the forest. *Journal of Agricultural and Food Chemistry* 28:626-630.
- Lavy, T. L., J. D. Walstad, R. R. Flynn, and J. D. Mattice. 1982. (2,4-Dichlorophenoxy) acetic acid exposure received by aerial application crews during forest spray operations. *Journal of Agricultural and Food Chemistry* 30:375-381.
- Leege, T. A., and W. O. Hickey. 1971. Sprouting of northern Idaho shrubs after prescribed burning. *Journal of Wildlife Management* 35:508-515.
- Leininger, Wayne C. 1988. Non-chemical alternatives for managing selected plant species in the western United States. Fort Collins: Colorado State University.
- Leonard, S. G.; R. L. Miles; H. A. Summerfield. 1987. Soils of the pinyon-juniper woodlands, pp. 227-230. IN Proc. Pinyon-Juniper Conference. USDA Forest Service. Gen. Tech. Rep. INT-215. Intermountain Research Station. Ogden, Utah.

REFERENCES

- Leonas, K. K., and J. O. DeJonge. 1986. Effect of functional finish barriers on pesticide penetration. In Performance of protective clothing. ASTM STP 900, ed. R. L. Baker and G. C. Coleta, 177-186. Philadelphia: American Society for Testing and Materials.
- Lewiston Morning Tribune. 1980. Weeds cost more than insects, disease, (article quoting Gary Lee, University of Idaho, Plant and Soil Science Dept.), November 11, 1980. Lewiston, Idaho.
- Libich, S., J. C. To, R. Frank, and G. J. Silrons. 1984. Occupational exposure of herbicide applicators to herbicides used along electric power transmission line right-of-way. *Journal of the American Industrial Hygiene Association* 45 (1): 56-62.
- Lillywhite, H. B. 1977. Animal responses to fire and fuel management in chaparral. In Symposium on the environmental consequences of fire and fuel management in Mediterranean ecosystems, 368-373. General Technical Report WO-3. U.S. Department of Agriculture, Forest Service.
- Lindon, E., B. E. Bengtsson, O. Svanberg, and G. Sunstrom. 1979. The acute toxicity of 78 chemicals and pesticide formulations against two brackish water organisms, the Bleak (*Alburnus alburnus*) and the Harpacticoid (*Nitocra spinipes*). *Chemosphere* 8 (11-12): 843-851.
- Loomis, T. A. 1978. *Essentials of toxicology*. Philadelphia: Lea and Febiger.
- Lorenz, R. J. 1986. Introduction and early use of crested wheatgrass in the northern Great Plains. In Crested wheatgrass: Its values, problems and myths. Proceedings of a symposium, ed. K. L. Johnson, 9-20. Logan, UT: Utah State University.
- Lotan J. E., and L. J. Lyon. 1981. Effects of fire on flora: A state-of-the-knowledge review. General Technical Report WO-16. U.S. Department of Agriculture, Forest Service.
- Lowe, P. O., P. F. Ffolliott, J. H. Dieterici, and D. R. Patton. 1978. Determining potential wildlife benefits from wildfire in Arizona ponderosa pine forests. General Technical Report RM-52. U.S. Department of Agriculture, Forest Service.
- Lull, H. W. 1959. Soil compaction on forest and rangelands. Miscellaneous Publication No. 768. Washington, DC: U.S. Department of Agriculture, Forest Service.
- Lusby, G. C. 1979. Effects of converting sagebrush cover to grass on the hydrology of small watersheds at Boco Mountain, Colorado. Water Supply paper 1532-J. U.S. Geological Survey.
- Lynge, E. 1985. A follow-up study of cancer incidence among workers in manufacture of phenoxy herbicides in Denmark. *British Journal of Cancer* 52:259-270.
- Lynn, G. E. 1965. A review of toxicological information on TOR- DON herbicides. *Down to Earth Spring* 1965:6-8.
- Lyon, J. L., and J. E. Lotan. 1978. Effects of fire on fauna: A state-of-knowledge-review. General Technical Report WO-6. U.S. Department of Agriculture, Forest Service.
- Lyon, L. J., and W. F. Mueggler. 1968. Herbicide treatment of north Idaho grouse evaluated six years later. *Journal of Wildlife Management* 32:538-541.
- MacMahon, B. 1986. A review of the Hoar et al. study on agricultural herbicide use and risk of lymphoma and soft tissue sarcoma. Report prepared for the Environmental Protection Agency. Cambridge, MA: Harvard School of Public Health.
- MacMahon, J. A. 1985. *Deserts: The Audubon Society nature guides*. New York: Alfred A. Knopf.
- Mansdorf, S. Z. 1986. Risk assessment of chemical exposure hazards in the use of protective clothing—an overview. In Performance of protective clothing. ASTM STP 900, ed. R. L. Baker and G. C. Coleta, 207-213. Philadelphia: American Society for Testing Materials.
- Mantel, N., and M. A. Schneiderman. 1975. Estimating "safe" levels: a hazardous undertaking. *Cancer Research* 35:1379-1386.
- Marquis, R. W. 1972. Soil moisture, forage and beef production benefits from Gambel oak control in southwestern Colorado. *Journal of Range Management* 25:146-150.
- Marquis, R. W. 1973. Gambel oak control studies in southwestern Colorado. *Journal of Range Management* 26:57-71.
- Martin, S. C. 1975. Ecology and management of southwestern semidesert grass-shrub ranges: The status of our knowledge. Research Paper RM-156. Ft. Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Martin, S. C. 1983. Responses of semidesert grasses and shrubs to fall burning. *Journal of Range Management* 36:604-610.
- Martin, S. C., and H. L. Morton. 1980. Responses of false mesquite, native grasses and forbs, and Lehmann lovegrass after spraying with picloram. *Journal of Range Management* 33:104-106.
- Martin, S. C., and H. G. Reynolds. 1973. The Santa Rita experimental range: Your facility for research on semi-desert ecosystems. *Arizona Academy of Science* 8:56-67.
- Martin, S. C., S. J. Shellhorn, and H. M. Hull. 1970. Emergence of fourwing saltbush after spraying shrubs with picloram. *Weed Science* 18:389-392.
- Martin, S. C., and R. M. Turner. 1977. Vegetation changes in the Sonoran Desert region, Arizona and Sonora. *Journal of the Arizona Academy of Sciences* 12:59-69.
- Marzulli, F. N., and H. I. Malbach. 1983. *Dermatotoxicology*. 2d ed. New York: Hemisphere Publishing.
- Maser, C., and J. W. Thomas. 1983. Wildlife habitats in managed rangelands—The Great Basin of southeastern Oregon. Introduction. U.S. Department of Agriculture, Forest Service, General Technical Report PNW-160 - United States, Pacific Northwest Forest and Range Experiment Station.
- Matsunaga, E. 1982. Perspectives in mutation epidemiology: Incidence and prevalence of genetic diseases (excluding chromosomal aberrations) in human populations. *Mutation Research* 99:95-128.
- Maxwell, R. 1982. Meaning of label signal words. Pesticide Report 43:4-5. Pullman, WA: Washington State University, Cooperative Extension Service.
- Mayer, F. L., Jr., and M. R. Ellersieck. 1986. Manual of acute toxicity: interpretation and data base for 410 chemicals and 66 species of freshwater animals. Resource Publication no. 160. Washington, DC: U.S. Department of the Interior, Fish and Wildlife Service.
- Mayes, M. A., and D. C. Dill. 1984. The acute toxicity of picloram, picloram potassium salt, and picloram triisopropanolamine salt to aquatic organisms. *Environmental Toxicology and Chemistry* 3:263-269.
- Mayes, M. A., D. C. Dill, K. M. Bodner, and C. G. Mendoza. 1984. Triclopyr triethylamine salt toxicity to life stages of the fathead minnow (*Pimephales promelas* Rafinesque). *Bulletin of Environmental Contamination and Toxicology* 33:339-347.

REFERENCES

- Mayes, M. A., D. L. Hopkins, and D. C. Dill. 1987. Toxicity of picloram (4-amino-3,5,6-trichloropicolinic acid) to life stages of the rainbow trout. *Bulletin of Environmental Contamination and Toxicology* 38:653-660.
- McAdoo, J. K., R. A. Evans, and W. S. Lougland. 1986. Nongame bird responses to type conversion of sagebrush communities. In *Crested wheatgrass: Its values, problems and myths*. Proceedings of a symposium, ed. K. L. Johnson, 55-163. Logan, UT: Utah State University.
- McAdoo, J. K., and D. A. Klebenow. 1978. Native faunal relationships in sagebrush ecosystems. In *The sagebrush ecosystem: A symposium*, p. 50-61. Logan, UT: Utah State University, College of Natural Resources.
- McCarty, M. K. 1979. Yield and quality of two cool-season grasses as affected by selected herbicides. *Weed Science* 27:415-421.
- McCarty, M. K., and C. J. Scifres. 1972. Herbicidal control of western ragweed in Nebraska pastures. *Journal of Range Management* 25:290-292.
- McCollister, D. C., and M. L. Leng. 1969. Toxicology of picloram and safety evaluation of TORDON herbicides. *Down to Earth* 25 (2): 5-10.
- McCormick, D. P. 1975. Effect of mesquite control on small game populations. Master's thesis, University of Arizona, Tucson.
- McCracken, J. G. 1981. Coyote foods in southwestern Colorado. *The Southwestern Naturalist* 26 (3):317-318.
- McCulloch, C. Y. 1969. Some effects of wildfire on deer habitat in pinyon-juniper woodland. *Journal of Wildlife Management* 33:778-784.
- McDaniel, K. C. 1984. Snakeweed control with herbicides. Bulletin 706. Las Cruces, NM: New Mexico State University, Agricultural Research Station.
- McDaniel, K. C., R. D. Pieper, and G. B. Donart. 1982. Grass response following thinning of broom snakeweed. *Journal of Range Management* 35:219-222.
- McEwen, L. C., and L. R. DeWeese. 1987. Wildlife and pest control in the sagebrush ecosystem: Basic ecology and management considerations. In *Integrated pest management on rangeland, state of the art in the sagebrush ecosystem*, ed. J. A. Onsager, 76-85. U.S. Department of Agriculture, Agricultural Research Service, Springfield, VA: National Technical Information Service.
- McGee, J. M. 1982. Small mammal populations in an unburned and early fire successional sagebrush community. *Journal of Range Management* 35:177-180.
- McKusick, V. A. 1983. Mendelian inheritance in man. 6th ed. Baltimore, MD: Johns Hopkins University Press.
- McMurray, N. 1986a. *Cercocarpus ledifolius*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- McMurray, N. 1986b. *Pinus edulis*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Science Laboratory.
- McMurray, N. 1986c. *Pinus monophylla*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Science Laboratory.
- McMurray, N. 1986d. *Symphoricarpos longiflorus*.
- McMurray, N. 1986e. *Symphoricarpos oreophilus*.
- McMurray, N. 1987a. *Artemisia cana ssp. cana*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Science Laboratory.
- McMurray, N. 1987b. *Artemisia cana ssp. viscidula*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Science Laboratory.
- McMurray, N. 1987c. *Artemisia nova*.
- McMurray, N. 1987d. *Cercocarpus montanus*.
- McMurray, N. 1987e. *Festuca scabrella*.
- McMurray, N. 1987f. *Leymus cinereus*.
- McMurray, N. 1987g. *Prunus virginiana*.
- Mecier, F. J. and R. P. Bellies. 1979. Teratology study in rats: Diesel fuel final report. American Petroleum Institute Medical Research Publication no. 27-32174. Washington, DC: American Petroleum Institute.
- Meeuwig, R. O. 1971. Soil stability on high-elevation rangeland in the intermountain areas. Research Paper INT-94. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station.
- Mehring, P., and P. E. Wigand. 1987. Western juniper in the Holocene, pp. 108-119. In *Proc. Pinyon-Juniper Conference*. USDA Forest Service. Gen. Tech. Rep. INT-215. Intermountain Research Station. Ogden, Utah.
- Mezian, B. D. 1983. Acute toxicity, histopathology, and bioconcentration retention studies with no. 2 fuel oil and the blue crab, *Callinectes sapidus* Rathbun. Dissertation Abstracts International B: The Sciences and Engineering 43 (11).
- Messersmith, C. G. and R. G. Lym. 1983. Distribution and economic impacts of leafy spurge in North Dakota. North Dakota Farm Research Bulletin, Vol. 40, No. 5, March-April, 1983.
- Meyer, R. E., and R. W. Bovey. 1979. Control of honey mesquite (*Prosopis juliflora* var. *glandulosa*) and Macartney rose (*Rosa bracteata*) with soil-applied herbicides. *Weed Science* 27:280-284.
- Meyerhoff, Roger. personal communication. 1990.
- Miles, J. 1979. Vegetation dynamics. *Halsted Press Book*. John Wiley and Sons, New York. 80 p.
- Miller, C. O. M. 1980. A mathematical model of aerial deposition of pesticides from aircraft. *Environmental Science and Technology* 14:824-831.
- Miller, M. 1977. Response of blue huckleberry to prescribed fires in a western Montana larch-fir forest. Research Paper INT-188. Ogden, UT: United States Department of Agriculture, Forest Service, Intermountain Research Station.
- Miller, M. 1987. Field observation. Fire ecology. U.S. Department of Interior, Bureau of Land Management. Boise, ID: Boise Interagency Fire Center.
- Miller, M. 1987. Personal observation.
- Miller, M. (Ibid). 1988. Personal observation.
- Miller, M. 1989. Personal communication, 3 January 1989, regarding use of prescribed fire in BLM's Vegetation Treatment Program. Boise, ID: BLM Branch of Fire Science.

REFERENCES

- Miller, R. R. 1961. Man and the Changing Fish Fauna of the American Southwest. Michigan Academy of Science, Arts, and Letters. Vol. XLVI.
- Mitsuda, H., K. Murakami, and F. Kawai. 1963. Effect of chlorophenol analogues on the oxidative phosphorylation in rat liver mitochondria. *Agricultural and Biological Chemistry* 27:366.
- Moffett, J. O., H. L. Morton, and R. L. MacDonald. 1972. Toxicity of some herbicidal sprays to honey bees. *Journal of Economic Entomology* 65 (1): 32-36.
- Molini, W. A., State of Nevada, Dept of Wildlife. 1990. personal communication.
- Monsanto Company. n.d. Toxicity information provided by Tim Long of Monsanto Agricultural Products Division to Paul Mistrretta, U.S. Forest Service, 1987.
- Monsanto Agricultural Products Company. 1982. The health and environmental safety aspects of Roundup herbicide: An overview. Roundup herbicide bulletin no. 3. St. Louis, MO: Monsanto Company.
- Monsanto Company. 1983. Rodeo herbicide: Toxicological and environmental properties. Bulletin no. 1. St. Louis, MO: Agricultural Products Company, Environmental Practices.
- Monsanto Company. 1985. Material safety data for Roundup herbicide. St. Louis, MO.
- Moore, J. A. 1964. *Physiology of the amphibia*. New York: Academic Press.
- Morgan, P., and L. F. Neuenschwander. 1988. Shrub response to high and low severity burns following clear-cutting in northern Idaho. *Western Journal of Applied Forestry* 3 (1): 5-9.
- Morris, M. S. and D. Bedunah. 1984. Some observation on the abundance of spotted knapweed in western Montana. In Proceedings of the Knapweed Symposium. Bulletin 1315. Bozeman: Montana State University, Plant and Soil Science Department and Cooperative Extension Service. Nielsen, Darvin B. 1978. The economic impact of poisonous plants on the range livestock industry in the 17 western states. *Journal of Range Management* 31 (5): 325-328.
- Morrow, L. A., and M. K. McCarty. 1976. Selectivity and soil persistence of certain herbicides used on perennial forage grasses. *Journal of Environmental Quality* 5:462-465.
- Mueggler, W. F. 1983. Variation in production and seasonal development of mountain grasslands in western Montana. Research Paper INT-316. Ogden, UT: United States Department of Agriculture, Forest Service, Intermountain Research Station.
- Mueggler, W. F., and W. L. Stewart. 1980. Grassland and shrubland habitat types of western Montana. General Technical Report INT-66. U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station.
- Mullison, W. R. 1985. A toxicological and environmental review of picloram. In Proceedings of the 38th Annual Meeting of the Western Society of Weed Science, March 1985. Phoenix, AZ.
- Mullison, W. R. 1986. An interim report summarizing 2,4-D toxicological research by the industry task force on 2,4-D research data and a brief review of 2,4-D environmental effects. Peer-reviewed by the technical and toxicology committees of the Industry Task Force on 2,4-D Research Data.
- Murray, R. B. 1983. Response of antelope bitterbrush to burning and spraying in southeastern Idaho. In Proceedings—Research and management of bitterbrush and cliffrose in western North America. Comp. A. R. Tiedmann and K. L. Johnson, 142-152. General Technical Report INT-152. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Murray, R. B. 1988. Response of three shrub communities in southeastern Idaho to spring-applied tebuthiuron. *Journal of Range Management* 41:16-22.
- National Research Council. 1977. Drinking water and health. Vol. I. Washington, DC: National Academy Press.
- National Research Council. 1987. Pesticides in food—The Delaney paradox. Washington, DC: National Academy Press.
- Nash, R. G., P. C. Kearney, J. C. Maitlen, C. R. Sell, and S. N. Fertig. 1982. Agricultural applicators exposure to 2,4-dichlorophenoxyacetic acid. In Pesticide residues and exposures. American Chemical Society symposium series no. 238, pp. 119-132.
- National Institute for Occupational Safety and Health. 1987. Registry of toxic effects of chemical substances. Washington, DC: U.S. Department of Health and Human Services.
- National Institute for Occupational Safety and Health. 1989. Registry of Toxic Effects of Chemical Substances. Clopyralid file.
- National Library of Medicine. 1987. Hazardous substances databank printout on kerosene. Bethesda, MD.
- National Library of Medicine. 1987a. Hazardous Substance Data Bank printout on picloram. Bethesda, MD.
- National Library of Medicine. 1987b. Hazardous Substance Data Bank printout on kerosene. Bethesda, MD.
- National Research Council. 1977. Drinking water and health. Washington, DC: National Academy Press.
- National Research Council. 1983. Risk assessment in the Federal Government: managing the process. Washington, DC: National Academy Press.
- National Research Council. 1985. Injury in America—A continuing health problem. Washington, DC: National Academy Press.
- National Research Council. 1986. Drinking water and health. Vol. 6., ed. R. D. Thomas. Washington, DC: National Academy Press.
- National Research Council. 1987. Pharmacokinetics in risk assessment: Drinking water and health. Vol. 8. Washington, DC: National Academy Press.
- Neary, D. G., P. B. Bush, and J. E. Douglass. 1983. Off-site movement of hexazinone in stormflow and baseflow from forest watersheds. *Weed Science* 31:543-551.
- Neff, E. L. and J. R. Wight. 1977. Overwinter soil water recharge and herbage production as influenced by contour processing on eastern Montana rangelands. *Journal of Range Management* 30:193-195.
- Newell, K. W., A. D. Ross, and R. M. Renner. 1984. Phenoxy and picolinic acid herbicides and small-intestinal adenocarcinoma in sheep. *The Lancet* December 8, 1984:1301-1304.
- Newton, M., A. Allen, D. E. White, B. R. Kelpess, and F. Roberts. 1982. Deposits and degradation of herbicides in sclerophyll brushfield foliage. Denver, CO: Western Society of Weed Science.

REFERENCES

- Newton, M., and F. N. Dost. 1981. Environmental effects of vegetation management practices on DNF forest lands. Prepared for State of Washington, Department of Natural Resources.
- Newton, M. and F. N. Dost. 1984. Biological and physical effects of forest vegetation management. Olympia, WA: Washington Department of Natural Resources.
- Newton, M., and J. A. Norgren. 1977. Silvicultural chemicals and protection of water quality EPA 910/9-77-036. Seattle, WA: U.S. Environmental Protection Agency, Region 10.
- Newton, M., and L. A. Norris. 1981. Potential exposure of humans to 2,4,5-T and TCDD in the Oregon coast ranges. *Fundamental and Applied Toxicology* 1:339-346.
- Nichols, J. T., and W. E. McMurphy. 1969. Range recovery and production as influenced by nitrogen and 2,4-D treatments. *Journal of Range Management* 22:116-119.
- Nielsen, D. B. 1978. The economic impact of poisonous plants on the range livestock industry in the 17 western states. *Journal of Range Management* 31(5):325-328.
- Nigg, H. N., and J. H. Stamper. 1983. Exposure of Florida airboat aquatic weed applicators to 2,4-dichlorophenoxyacetic acid (2,4-D). *Chemosphere* 12 (2): 209-215.
- Nimir, M. B., and G. F. Payne. 1978. Effects of spring burning on a mountain range. *Journal of Range Management*. 31 (4): 259-263.
- Norris, L. A., and D. G. Moore. 1981. Introduced chemicals and water quality. In Interior, west watershed management symposium: 1980 April 8-10, Spokane, WA, ed. D. M. Baumgartner. 203-220. Pullman, WA: Washington State University, Cooperative Extension.
- Norum, R. A., and M. Miller. 1984. Measuring fuel moisture content in Alaska: Standard methods and procedures. General Technical Report PNW-171. Portland, OR: United States Department of Agriculture, Forest Service, Pacific Northwest Research Station.
- Noste, N. V., and C. L. Bushey. 1987. Fire response of shrubs of dry forest habitat types in Montana and Idaho. General Technical Report INT-239. Ogden, UT: United States Department of Agriculture, Forest Service, Intermountain Research Station.
- O'Neal, F. 1987. Personal communication. Du Pont. Wilmington, DE: Agricultural Products Department.
- O'Rourke, J. T., and P. R. Ogden. 1969. Vegetative response following pinyon-juniper control in Arizona. *Journal of Range Management* 22:416-418.
- Odum, E. P. 1971. *Fundamentals of ecology*. Philadelphia: W. B. Saunders, Co.
- Odum, E. P., C. E. Connell, and L. B. Davenport. 1962. Population energy flow of three primary consumer components of old-field ecosystems. *Ecology* 43 (1):88-96.
- Ohmart, R. D., and B. W. Anderson. 1982. North American desert riparian ecosystems. In Reference handbook on the deserts of North America, ed. Gordon L. Bender. Westport, CN: Greenwood Press.
- Orians, G. H. 1986. Opening discussion. Cumulative effects: Setting the stage. In Proceeding of the workshop on cumulative environmental effects: A binational perspective. The Canadian Environmental Assessment Research Council and the U.S. National Research Council.
- Osweller, G. D. 1983. Toxicology of triclopyr herbicide to equine. In American Association of Veterinary Laboratory Diagnosticians 20th Annual Proceedings, 193-202.
- Palmer, J. S., and R. D. Radeleff. 1969. The toxicity of some organic herbicides to cattle, sheep, and chickens. U.S. Department of Agriculture, production research report no. 106. Washington, DC: U.S. Government Printing Office.
- Parker, K. G. 1979. Use of mechanical methods as a management tool. In *The sagebrush ecosystem: A symposium*, 117-120. Logan, UT: Utah State University, College of National Resources.
- Parodi, S., S. DeFlora, M. Carvanna, A. Pino, L. Robbiano, C. Benicelli, and G. Brambilla. 1981. DNA-damaging activity in vivo and bacterial mutagenicity of sixteen hydrazine derivatives as related quantitatively to their carcinogenicity. *Cancer Research* 41:1469-1482.
- Parodi, S., M. Taningher, P. Boero, and L. Santl. 1982. Quantitative correlations amongst alkaline DNA fragmentation, DNA covalent bonding, mutagenicity in the Ames test and carcinogenicity, for 21 compounds. *Mutation Research* 93 (1): 1-24.
- Parodi, S., M. Taningher, P. Ruso, M. Pala, D. Vecchio, G. Fasina, and L. Santl. 1983a. Quantitative predictivity of the transformation in vitro assay compared with the Ames test. *Journal of Toxicology and Environmental Health* 12 (4-6): 483-510.
- Parodi, S., A. Zunino, L. Ottaggio, M. DeFerrari, and L. Santl. 1983b. Quantitative correlation between carcinogenicity and sister chromatid exchange induction in vivo for a group of 11 N-nitroso derivatives. *Journal of Toxicology and Environmental Health* 11 (3): 337-346.
- Patric, J. H., and J. D. Helvey. 1986. Some effects of grazing on soil and water in the eastern forest. General Technical Report NE-115. Broomall, PA: U.S. Department of Agriculture, Forest Service, Northeast Forest Experiment Station.
- Patten, D. T., and G. H. Cave. 1984. Fire temperature and physical characteristics of a controlled burn in the upper Sonoran desert. *Journal of Range Management* 37:277-280.
- Patterson, W. A., III. 1986. A "new ecology" - implications for modern forest management. *J. For.* 84(2): 93.
- Patton, D. R. 1975. Abert squirrel cover requirements in southwestern ponderosa pine. Research Paper RM-145. U.S. Department of Agriculture, Forest Service.
- Pearce, N. E., A. H. Smith, J. K. Howard, R. A. Sheppard, H. J. Giles, and C. A. Teague. 1986. Non-Hodgkin's lymphoma and exposure to phenoxy herbicides, chlorophenols, fencing work, and meat works employment: A case-control study. *British Journal of Industrial Medicine* 43:75-83.
- Pechanec, J. F. and G. Stewart. 1944. Sagebrush burning...good and bad. U.S. Department of Agriculture Farmer's Bulletin No. 1948.
- Peck, J. M. 1986. A review of wildlife management. Englewood Cliffs, NJ: Prentice-Hall.
- Pellant, M. 1989. Personal communication. Range Conservation. U.S. Department of the Interior, Bureau of Land Management. Boise, ID: Idaho State Office.
- Pellant, M. 1989. Personal conversation. Range Conservationist. USDI Bureau of Land Management. Idaho State Office. Boise, Idaho.
- Penhallegon, Ross H. 1983. A pilot weed survey program for the state of Washington. Unpublished master's thesis. Washington State University, Pullman.
- Perry, D. A., and S. L. Rose. 1980. Productivity of forest lands as affected by site preparation. In Proceedings of the California conferences on forest tree nutrition and soil fertility, 1980 May 19-20. Redding, CA; 1981 January 22-23; South Lake Tahoe, CA.

REFERENCES

- Pet-Edwards, J., W. Chankong, H. S. Rosenkranz, and Y. Y. Haines. 1985. Application of the carcinogenicity prediction and battery selection (CPBS) method to the Gene-Tox data base. *Mutation Research* 153:187-200.
- Pettit, R. D. 1974. Effects of picloram and tebuthiuron pellets on sand shinnery oak communities. *Journal of Range Management* 32:196-200.
- Pleper, R. D. 1971. Blue grama vegetation responds inconsistently to cholla cactus control. *Journal of Range Management* 24:52-54.
- Pimentel, D. 1971. Ecological effects of pesticides on non-target species. Washington, DC: Executive Office of the President, Office of Science and Technology.
- Pitt, M. D., R. H. Burgy, and H. F. Heady. 1978. Influences of brush conversion and weather patterns from a northern California watershed. *Journal of Range Management* 31:23-27.
- Platts, William S. 1984. Determining and evaluating riparian-stream enhancement needs and fish response. In Pacific Northwest stream habitat management workshop. Arcata, CA: Humboldt State University.
- Pogodina, O. N., M. P. Svetlova, N. V. Tomilin, G. B. Piles, and V. V. Khudolei. 1984. Correlation of mutagenic and carcinogenic activities of certain aromatic amines. *Ekspierimental'naya Onkologiya* 6 (4): 23-25.
- Pond, F. W. 1961. Mechanical control of Arizona chaparral and some results from brush clearing. In Proceedings of the 5th annual Arizona watershed symposium, 39-441. Phoenix, AZ.
- Popendorf, W. J. 1985. Advances in the unified field model for reentry hazards. In Dermal exposure related to pesticide use: Discussion of risk assessment, ed. R. C. Honeycutt, G. Zweig, and N. N. Ragsdale. American Chemical Society symposium series no. 273. Washington, DC.
- Popendorf, W. J., and J. T. Leffingwell. 1982. Regulating OP pesticide residues for farm worker protection. *Residue Reviews* 82:125-201.
- Putnam, A. R., M. D. Willis, L. K. Binning, and P. F. Boldt. 1983. Exposure of pesticide applicators to nitrofen: Influence of formulation, handling systems, and protective garments. *Journal of Agricultural and Food Chemistry*, v. 31:645-650.
- Quimby, D. C. 1966. A review of literature relating to the effects and possible effects of sagebrush control on certain game species in Montana. *Western Association of State Game and Fish Commissioners Proceedings* 46:142-149.
- Quinton, D. A., R. G. Horejsi, and J. T. Flinders. 1979. Influence of Goosh control on white-tailed deer diets in north-central Texas. *Journal of Range Management* 32:93-97.
- Raheel, M. 1987. Laundering variables in removing carbaryl and atrazine residues from contaminated fabrics. *Bulletin of Environmental Contamination and Toxicology* 39:671-679.
- Ralston, C. W., and G. E. Hatchell. 1971. "Effects of prescribed burning on physical properties of soil." In Prescribed burning proceedings. U.S. Department of Agriculture, Forest Service, Southeast Station.
- Rauzi, F. 1960. Plant cover increases water intake rate on rangeland soils. *Crops and Soils* 12:30.
- Rauzi, F. 1975. Severe mechanical and chemical range renovation in northeastern Wyoming. *Journal of Range Management* 28:319-326.
- Rauzi, F., and C. L. Fly. 1968. Water intake on midcontinental rangelands as influenced by soil and plant cover. Technical Bulletin 1390. U.S. Department of Agriculture.
- Renwald, J. D. 1977. Effect of fire on lark sparrow nesting densities. *Journal of Range Management* 30:283-285.
- Renwald, J. D., H. A. Wright, and J. T. Flinders. 1978. Effect of prescribed fire on bobwhite quail habitat in the rolling plains of Texas. *Journal of Range Management* 31:65-69.
- Reuber, M. D. 1979. Carcinogenicity of 2,4-dichlorophenoxyacetic acid. Unpublished manuscript in files of Bureau of Land Management, Oregon State Office.
- Reynolds, H. G., and J. W. Bohning. 1956. Effects of burning on a desert grass-shrub range in southern Arizona. *Ecology* 37:769-777.
- Rich, L. R. 1961. Surface runoff and erosion in the lower chaparral zone—Arizona. Paper 66. Ft. Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Richardson, C. W., E. Burnett, and R. W. Bovey. 1979. Hydrologic effects of brush control on Texas rangelands. *American Society of Agricultural Engineers Transactions* 22:315-319.
- Ritter, D. F. 1978. Process geomorphology. Dubuque, IA: William C. Brown Company.
- Robb, T. W., D. G. Ely, C. E. Rieck, R. J. Thomas, B. P. Glenn, and S. Glenn. 1982. Mefluidide treatment of tall fescue: Effect on nutrient utilization. *Journal of Animal Science* 54 (1).
- Robbins, C. S., B. Bruun, H. S. Zim, and A. Singer. 1966. A guide to field identification: *Birds of North America*. New York: Golden Press.
- Robertson, L. S., and A. E. Erickson. 1978. Soil compaction. *Crops and Soils* 30:11-14 (Jan); 7-9 (Feb); 8-10 (Mar).
- Roby, G. A., and L. R. Green. 1976. Mechanical methods of chaparral modification. *Agriculture Handbook* 487. U.S. Department of Agriculture.
- Roeth, F. W. 1979. Comparison of dicamba, picloram and 2,4-D for musk thistle (*Carduus nutans*) control. *Weed Science* 27:651-655.
- Rogers, G. F., and M. K. Vint. 1987. Winter precipitation and fire in the Sonoran Desert. *Journal of Arid Environments* 13:47-52.
- Rosenberry, J. L., and W. D. Kilmastra. 1971. Annual weight cycles in male and female bobwhite quail. *The Auk* 88:116-123.
- Roundy, B. A., G. J. Cloff, J. A. Young, and R. A. Evans. 1983. "Treatment of inland saltgrass and greasewood sites to improve forage production." In Managing intermountain rangelands—Improvement of range and wildlife habitats, 54-61. General Technical Report INT-157. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Roundy, B. A., and J. A. Young. 1985. Salt deserts of the Great Basin. In Proceedings, selected papers presented at the 38th annual meeting of the Society for Range Management, 34-49. Denver, CO.
- Russell, L. B., C. S. Aaron, F. deSerres, W. M. Generoso, K. L. Kannan, M. Shelby, J. Springer, and P. Voytek. 1984. Evaluation of existing mutagenicity bioassays for purposes of genetic risk assessment. *Mutation Research* 134:143-157.
- Ruyle, G. B., B. A. Roundy, and J. R. Cox. 1988. Effects of burning on germinability of Lehmann lovegrass. *Journal of Range Management* 41 (5): 401-403.
- Ryan, K. C. 1982. Evaluating potential tree mortality from prescribed burning. In Symposium—Site preparation and fuels management in steep terrain, comp. David M. Baumgartner, 167-178, 15-17 February. Pullman, WA: Washington State University Cooperative Extension.

REFERENCES

- Ryber, R. A. 1970. Effects of dicamba and picloram on northern Idaho shrubs and trees. Research Note INT-114. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Sallish, M. S. A., F. K. Taha, and G. F. Payne. 1973. Water repellency of soils under burned sagebrush. *Journal of Range Management* 26:330-331.
- Sampson, A. W. 1944. Plant succession on burned chaparral lands in northern California. Bulletin 685. University of California, College of Agriculture, Agricultural Experiment Station.
- Sanders, H. O. 1969. Toxicity of pesticides to the crustacean *Gammarus lacustris*. Technical paper no. 25. Washington, DC: U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife.
- Sanders, H. O., and O. B. Cope. 1968. The relative toxicities of several pesticides to naiads of three species of stone flies. *Limnology and Oceanography* 13 (1): 112-117.
- Santa Maria, C., M. G. Villas, F. G. Murlana, and A. Relimpio. 1986. Subacute atrazine treatment effects on rat renal functions. *Bulletin of Environmental Contamination and Toxicology* 36:325-331.
- Satterlund, D. R. 1972. Wildland Watershed Management. John Wiley and Sons.
- Sauer, R. H. and D. W. Uresk. 1976. Phenology of steppe plants in wet and dry years. *Northwest Science* 50 (3): 133-138.
- Schier, G. A. 1975. Deterioration of aspen clones in the middle Rocky Mountains. Research Paper INT-170. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station.
- Schier, G. A., J. R. Jones, and R. P. Winokur. 1985. Vegetative regeneration. 29-33. In *Aspen: Ecology and management in the western United States*, eds. Norbert V. DeByle and Robert P. Winokur. General Technical Report RM-119. Ft. Collins, CO: United States Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- Schmidt, J. L., and D. L. Gilbert. 1978. Big game of North America. Harrisburg, PA: Stackpole.
- Schmidt-Nielsen, K. 1972. How animals work. Cambridge, MA: Cambridge University Press.
- Schmidt-Nielsen, K. 1975. Animal physiology. Englewood Cliffs, NJ: Prentice-Hall.
- Schmutz, E. M. 1967. Chemical control of three Chihuahuan Desert shrubs. *Weeds* 15:62-67.
- Schmutz, E. M., D. R. Cable, and J. J. Warwick. 1959. Effects of shrub removal on the vegetation of a semidesert grass-shrub range. *Journal of Range Management* 12:34-37.
- Schroeder, M. H., and D. L. Sturges. 1975. The effect on the Brewer's sparrow of spraying big sagebrush. *Journal of Range Management* 28:294-297.
- Schwetz, B. A., G. L. Sparsch, and P. J. Gehring. 1971. The effect of 2,4-dichlorophenoxyacetic acid (2,4-D) and esters of 2,4-D on rat embryonal, fetal, and neonatal growth and development. *Food and Cosmetics Toxicology* 9:801-817.
- Scifres, C. J. 1980. Brush management. College Station, TX: Texas A&M University Press.
- Scifres, C. J., and J. C. Halifax. 1972. Development of range grass seedlings germinated in picloram. *Weed Science* 4:341-344.
- Scifres, C. J., and B. H. Koerth. 1986. Habitat alterations in mixed brush from variable herbicide patterns. *Wildlife Society Bulletin* 14:345-356.
- Scifres, C. J., and J. L. Mutz. 1978. Herbaceous vegetation changes following applications of tebuthiuron for brush control. *Journal of Range Management* 31:375-378.
- Scott, V. E., and E. L. Booker. 1977. Responses of Merriams turkey to pinyon-juniper control. *Journal of Range Management* 30:220-223.
- Scott, V. H., and R. H. Burgy. 1956. Effects of heat and brush burning on the physical properties of certain upland soils that influence infiltration. *Soil Science*.
- Scott, V. E., K. E. Evans, D. R. Patton, and C. P. Stone. 1977. Cavity nesting birds of North American forests. U.S. Department of Agriculture Handbook no. 511.
- Sedwick, J. A., and R. A. Ryder. 1987. Effects of chaining pinyon-juniper on nongame wildlife. In *Proceedings—Pinyon-juniper conference*, comp. R. L. Everett, 541-551. General Technical Report INT-215. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Station.
- Selbert, H. C. 1949. Differences between migrant and non-migrant birds in food and water intake at various temperatures and photoperiods. *Auk* 66:128-153.
- Severson, K. E., and A. L. Medina. 1983. Deer and elk habitat management in the southwest. *Journal of Range Management Monograph* 2. Denver CO: Society of Range Management.
- Seyler, D. E., J. M. East, L. W. Condie, and J. F. Borselleca. 1984. The use of in vitro methods for assessing reproductive toxicity—dichlorophenols. *Toxicology Letters* 20:309-315.
- Sharrow, S. H., and H. A. Wright. 1977a. Proper burning intervals for tobosagrass in west Texas based on nitrogen dynamics. *Journal of Range Management* 30:343-346.
- Sharrow, S. H., and H. A. Wright. 1977b. Effects of fire, ash, and litter on soil nitrate, temperature, moisture, and tobosagrass production in the Rolling Plains. *Journal of Range Management* 30:266-270.
- Shearer, R. C. 1975. Seedbed characteristics in western larch forests after prescribed burning. Research Paper INT-167. Ogden, UT: United States Department of Agriculture, Forest Service.
- Shelby, M. D. 1988. The genetic toxicity of human carcinogens and its implications. *Mutation Research* 204:3-15.
- Shelford, V. E. 1963. *The ecology of North America*. Urbana, IL: University of Illinois Press.
- Sherman, H., and A. M. Kaplan. 1975. Toxicity studies with 5-bromo-3-sec-butyl-6-methyluracil. *Toxicology and Applied Pharmacology* 34:189-196.
- Short, H. L., W. Evans, and E. L. Booker. 1977. The use of natural and modified pine-juniper woodlands by deer and elk. *Journal of Wildlife Management* 41:543-559.
- Shown, L. M., R. F. Miller, and F. A. Branson. 1969. Sagebrush conversion to grassland as affected by precipitation, soil and cultural practices. *Journal of Range Management* 22:303-311.
- Simmons, G. 1983. Impacts of herbicides on human health—worst case analysis. U.S. Department of the Interior, Instruction Memorandum no. OR-83-270.
- Skau, C. M. 1961. Some hydrologic influences of cabling juniper. Research Note 62. Ft. Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Skau, C. M. 1964. Soil water storage under natural and cleared stands of alligator and Utah juniper in northern Arizona. Research Note RM-24. Ft. Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.

REFERENCES

- Skoulin, J. M. 1984.** Impacts of grazing on wetlands and riparian habitat: a review of our knowledge. In *Developing strategies for rangeland management*. 1001-1104. National Research Council/National Academy of Sciences. Boulder, CO: Westview Press.
- Skousen, J., J. N. Davis, and J. D. Brotherson. 1986.** Comparison of vegetation patterns resulting from bulldozing and two-way chaining on a Utah pinyon-juniper big game range. *Great Basin Naturalist* 46:508-512.
- Slobodkin, L. B., and S. Richman. 1961.** Calories/gm. in species of animals. *Nature* 4785:299.
- Smika, B. F., H. J. Haus, and G. A. Rogler. 1963.** Native grass and crested wheatgrass production as influenced by fertilizer placement and weed control. *Journal of Range Management* 11:5-8.
- Smith, A. H., N. E. Pearce, D. O. Fisher, H. J. Giles, C. A. Teague, and J. K. Howard. 1984.** Soft tissue sarcoma and exposure to phenoxy-herbicides and chlorophenols in New Zealand. *Journal of the National Cancer Institute* 73:1111-1117.
- Smith, B. H. 1984.** Avian habitat selection in a mixed creosotebush-grassland community. Master's thesis, University of Arizona, Tucson.
- Smith, C. B., and P. J. Urness. 1984.** Small mammal abundance on native and improved foothill ranges, Utah. *Journal of Range Management* 37:353-357.
- Smith, D. G. 1966.** Literature review on factors affecting shrub response to herbicides. Denver, CO: Colorado Division of Wildlife.
- Somani, S. M. and A. Khalique. 1982.** Distribution and metabolism of 2,4-dichlorophenol in rats. *Journal of Toxicology and Environmental Health* 9:889-897.
- Sontiere, E. C., and E. G. Bolen. 1976.** Mourning dove nesting on tobosa grass-mesquite rangeland sprayed with herbicides and burned. *Journal of Range Management* 29:226-231.
- Sosebee, R. E. 1983.** Physiological, phenological and environmental considerations in brush and weed control. In *Proceedings of brush management symposium*, ed. K. C. McDaniell, 27-34. Denver, CO: Society for Range Management.
- Sprague, J. B. 1985.** Factors that modify toxicity. In *Fundamentals of aquatic toxicology*, ed. G. M. Rand and S. R. Petrocelli. New York: Hemisphere Publishing Corporation.
- Springfield, H. W. 1976.** Characteristics and management of southwestern pinyon-juniper ranges: The status of our knowledge. Research Paper RM-160. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Stager, D. W., and D. A. Klebenow. 1987.** Mule deer response to wildfire in Great Basin pinyon-juniper woodland. In *Proceedings pinyon-juniper conference*, 572-579. General Technical Report INT-215. U.S. Department of Agriculture, Forest Service.
- Stark, N. M. 1977.** Fire and nutrient cycling in a Douglas-fir/larch forest. *Ecology* 58:16-30.
- Starkey, E. E. 1985.** Impact of fire on nongame wildlife. In *Rangeland Fire Effects* 48-51.
- Stein, W. I. 1986.** Regeneration outlook on BLM lands in the Siskiyou Mountains. Research Paper PNW-349. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station.
- Stern, A. C. 1976.** Air Pollution: Third Edition, Volume 1 - Air Pollutants, Their Transformation and Transport. New York: Academic Press.
- Sturges, D. L. 1973.** Soil moisture response to spraying big sagebrush the year of treatment. *Journal of Range Management* 26:444-447.
- Sturges, D. L. 1975.** Hydrologic relations on undisturbed and converted big sagebrush lands: The status of our knowledge. Research Paper RM-140. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Sturkie, P. D. 1965.** *Avian physiology*. Comstock Publishing Associates. Ithaca, NY: Cornell University Press.
- Sullivan, T. P. 1985.** Effects of glyphosate on selected species of wildlife. In *The herbicide glyphosate*. Chapter 12, ed. E. Grossbard and D. Atkinson. Boston, MA: Butterworth.
- Summerfield, H. B. 1976.** Effects of prescribed burning on watershed conditions. In *Use of prescribed burning in western woodland and range ecosystems*, A symposium, 43-46. Logan, UT: Utah State University.
- Swetnam, T. 1990.** Fire history and climate in the southwest United States, pp. 6-17. In *Proc. of Symposium: Effects of Fire Management of Southwestern Natural Resources*. USDA Forest Service. Gen. Tech. Rep. RM-191. Rocky Mountain Forest and Range Experiment Station. Fort Collins, Colorado.
- Szaro, R. C., P. H. Albers, and N. C. Coon. 1978.** Petroleum: Effects on mallard egg hatchability. *Journal of Wildlife Management* 42:404-406.
- Tabler, R. D. 1968.** Soil moisture response to spraying big sagebrush with 2,4-D. *Journal of Range Management* 31:12-15.
- Tanner, G. W., J. M. Inglis, and L. H. Blankenship. 1978.** Acute impact of herbicide strip treatment on mixed brush white-tailed deer habitat on the northern Rio Grande Plain. *Journal of Range Management* 31:386-391.
- Tarbut, E. J., and Lutgens, F. K. 1979.** *Earth science*. 2d ed. Columbus, OH: Charles E. Merrill Publishing.
- Tate, R. L. 1987.** *Soil organic matter*. New York: John Wiley and Sons.
- Tausch, R. J. 1973.** Plant succession and mule deer utilization on pinyon-juniper chainings in Nevada. Master's thesis, University of Nevada, Reno.
- Tausch, R. J., and P. T. Tueller. 1977.** Plant succession following chaining of pinyon-juniper woodlands in eastern Nevada. *Journal of Range Management* 30:44-49.
- Tausch, R. J.; N. E. West; and A. A. Nabl. 1981.** Tree age and dominance patterns in Great Basin pinyon-juniper woodlands. *Journal of Range Management* 34(4):259-264.
- Terrel, T. L. 1973.** Mule deer use patterns as related to pinyon-juniper conversion in Utah. Ph.D. diss., Utah State University, Logan.
- Thill, D. C., K. G. Beck, and R. H. Callhan. 1984.** The biology of downy brome (*Bromus tectorum*). *Weed Science Society of America*, v. 32 Supplement 1:7-12.
- Thomas, J. W., ed. 1979.** Wildlife habitats in managed forests. Agricultural Handbook no. 553. U.S. Department of Agriculture, Forest Service.
- Thomas, J. W., C. Maser, and J. E. Rodiek. 1979.** Wildlife management in managed rangelands—The Great Basin of south-eastern Oregon—Riparian zones. General Technical Report RNW-80. U.S. Department of Agriculture, Forest Service.

REFERENCES

- Thompson, F., F. L. Leistritz and J. A. Leitch. 1990. Economic impact of leafy spurge infestations in North Dakota. Fargo: North Dakota State University. Ag. Econ. Report No. 257-S. May, 1990.
- Thompson, P. 1985. *Thompson's guide to freshwater fishes*. Boston: Houghton Mifflin Co.
- Tiedemann, A. R., and E. M. Schmutz. 1966. Shoot control and reseeding effects on the oak chaparral of Arizona. *Journal of Range Management* 19:191-195.
- The following Tirmenstein references are for Chapter 3.
- Tirmenstein, D. 1986a. *Atriplex canescens*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Science Laboratory.
- Tirmenstein, D. 1986b. *Juniperus osteosperma*.
- Tirmenstein, D. 1986c. *Artemisia frigida*.
- Tirmenstein, D. 1987a. *Stipa comata*.
- Tirmenstein, D. 1987b. *Stipa thurberiana*.
- Tirmenstein, D. 1987c. *Gutierrezia sarothrae*.
- Tirmenstein, D. 1987d. *Koeleria cristata*.
- Tirmenstein, D. 1987e. *Stipa viridula*.
- Tirmenstein, D. 1987f. *Bouteloua curtipendula*.
- Tirmenstein, D. 1987g. *Potentilla fruticosa*.
- Tirmenstein, D. 1988. *Quercus turbinella*.
- The following Tirmenstein references are for Appendix F.
- Tirmenstein, D. 1986a. *Artemisia arbuscula ssp. arbuscula*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- Tirmenstein, D. 1986b. *Artemisia filifolia*.
- Tirmenstein, D. 1986c. *Artemisia frigida*.
- Tirmenstein, D. 1986d. *Atriplex canescens*.
- Tirmenstein, D. 1986e. *Juniperus osteosperma*.
- Tirmenstein, D. 1987a. *Bouteloua curtipendula*.
- Tirmenstein, D. 1987b. *Bouteloua gracilis*.
- Tirmenstein, D. 1987c. *Gutierrezia sarothrae*.
- Tirmenstein, D. 1987d. *Koeleria cristata*.
- Tirmenstein, D. 1987e. *Potentilla fruticosa*.
- Tirmenstein, D. 1987f. *Rhus aromatica*.
- Tirmenstein, D. 1987g. *Sarcobatus vermiculatus*.
- Tirmenstein, D. 1987h. *Stipa comata*.
- Tirmenstein, D. 1987i. *Stipa thurberiana*.
- Tirmenstein, D. 1987j. *Stipa viridula*.
- Tirmenstein, D. 1988a. *Juniperus deppeana*.
- Tirmenstein, D. 1988b. *Quercus turbinella*.
- Tirmenstein, D. 1988c. *Rhus glabra*.
- Tirmenstein, D. 1988d. *Rhus trilobata*.
- Tirmenstein, D. 1989a. *Juniperus monosperma*.
- Tirmenstein, D. 1989b. *Yucca baccata*.
- Tirmenstein, D. 1989c. *Yucca glauca*.
- Tirmenstein, D. 1989d. *Yucca schidigera*.
- Tisdale, E. W., and M. Hironaka. 1981. The sagebrush-grass region: A review of the ecological literature. Bulletin no. 33. University of Idaho. Forest, Wildlife, and Range Experiment Station.
- Todd, T. L. 1962. A case of 2,4-D intoxication. *Journal of the Iowa Medical Society* 52:663-664.
- Tomback, D. F. 1986. Post-fire regeneration of Krummholz white-bark pine: A consequence of nutcracker seed caching. *Madrono* 33 (2): 100-110.
- Tooby, T. E., J. Lucey, and B. Stott. 1980. The tolerance of grass carp (*Tenopharyngodon idella*) Val., to aquatic organisms. *Journal of Fish Biology* 16:591-597.
- Trlica, M. J. 1977. Distribution and utilization of carbohydrate reserves in range plants. In *Rangeland Plant Physiology*, R. E. Soosebee, et al., 73-96. Denver, CO: Society for Range Management.
- Tromble, J. M. 1976. Semiarid rangeland treatment and surface runoff. *Journal of Range Management* 29:251-254.
- Tromble, J. M. 1980. Infiltration rates on rootplowed rangeland. *Journal of Range Management* 33:423-425.
- Tsuda, H., M. Hananouchi, M. Tatematsu, M. Hirose, K. Hirao, M. Takahashi, and N. Ito. 1976. Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid. *Journal of the National Cancer Institute* 57 (4): 861-863.
- Tsuda, S., and Y. Okuno. 1985. Solvents and insecticidal efficacy of the aerosol containing tertramethrin and d-phenothrin. *Journal of Pesticide Science* 10 (4): 621-628.
- Tueller, P. T. 1976. Deer range improvement and mule deer management. In *Mule deer decline in the West*, A symposium, eds. G. W. Workman and J. B. Low, 55-66. Logan, UT: Utah State University.
- Tueller, P. T., and R. A. Evans. 1969. Control of green rabbitbrush and big sagebrush with 2,4-D and picloram. *Weed Science* 17:233-235.
- Turkula, T. E. and S. M. Jalal. 1985. Increased rates of sister chromatid exchanges induced by the herbicide 2,4-D. *The Journal of Heredity* 76:213-214.
- Turkula, T. E. and S. M. Jalal. 1987. Induced clastogenicity in white rats by the herbicide 2,4-D. *Cytologia* 52 (2): 275-281.
- Turner, F. B., and D. C. Randall. 1987. The phenology of desert shrubs in southern Nevada. *Journal of Arid Environments* 13:119-128.
- Turner, G. T. 1969. Responses of mountain grassland vegetation to gopher control, reduced grazing and herbicide. *Journal of Range Management* 22:377-383.
- U.S. Department of Agriculture. 1935. Food habits of the coyote in Jackson Hole, WY. Circular No. 362. Washington, DC.
- U.S. Department of Agriculture, Soil Conservation Service. 1972. Land resource regions and major land resource areas of the United States. Agriculture Handbook 296. Washington, DC: Soil Conservation Service.

REFERENCES

- U.S. Department of Agriculture, Forest Service.** 1976. Southern forestry smoke management guidebook. General Technical Report SE-10. Asheville, NC: U.S. Forest Service, Southeastern Forest Experiment Station.
- U.S. Department of Agriculture, Forest Service.** 1980. Revegetation equipment catalog. Fort Missoula, MT: Equipment Development Center.
- U.S. Department of Agriculture, Soil Conservation Service.** 1981. Land resource regions and major land resource areas of the United States. Soil Conservation Service Agricultural Handbook 296. Washington, DC: Department of Agriculture.
- U.S. Department of Agriculture, Forest Service, Pacific Northwest Region.** 1982. Siskiyou national forest aerial applicators handbook.
- U.S. Department of Agriculture, Forest Service.** 1984. Pesticide background statements. Vol. I, Herbicides. Agriculture Handbook no. 633. Washington, DC: U.S. Government Printing Office.
- U.S. Department of Agriculture, Forest Service.** 1984. Pesticide background statements. Vol. I, Herbicides (supplement). Agriculture Handbook no. 633. Washington, DC: U.S. Government Printing Office.
- U.S. Department of Agriculture, Animal and Plant Health Inspection Service.** 1985. Final environmental impact statement as supplemented: Gypsy moth suppression and eradication projects. Washington, DC: U.S. Government Printing Office.
- U.S. Department of Agriculture, Forest Service.** 1986. Pesticide background statements. Vol. I, Herbicides (supplement). Agriculture Handbook no. 633. Washington, DC: U.S. Government Printing Office.
- U.S. Department of Agriculture.** 1986. Memorandum to Regional Foresters, Station Directors, and Area Directors. Undated. From Allan J. West, Deputy Chief. Subject: Carcinogenicity of Atrazine.
- U.S. Department of Agriculture, Forest Service, Pacific Northwest Region.** 1988. Managing competing and unwanted vegetation, final environmental impact statement. Washington, DC.
- U.S. Department of Agriculture, Forest Service.** 1988. Vegetation management in the coastal plain/piedmont. Vol. I, Draft environmental impact statement. Management Bulletin R8-MB15. Atlanta, GA.
- U.S. Department of Agriculture, Forest Service, Southern Region.** 1989. Vegetation management in the Coastal Plain/Piedmont, final environmental impact statement.
- U.S. Department of Commerce.** 1965. Climate summary of the United States (decennial census) 1951-1960 (various States). Washington, DC: Weather Bureau.
- U.S. Department of Commerce, Bureau of the Census.** 1984. *Congressional district data book of the 98th Congress*. Vol. 1. Lanham, MD: Bernan Associates. Mullwood, New York: Kraus International Publications.
- U.S. Department of Commerce, Bureau of the Census.** 1987. Statistical abstract of the United States: 1988. Washington, DC: U.S. Government Printing Office.
- U.S. Department of Energy.** 1983. Bonneville Power Administration. Final environmental impact statement: Transmission facilities vegetation management program. DOE/EIS-0097-F. Washington, DC: U.S. Government Printing Office.
- U.S. Department of Health and Human Services.** 1985. Fourth annual report on carcinogens. Summary 1985. Washington, DC: U.S. Public Health Service.
- U.S. Department of Health and Human Services.** 1987. Prevention of leading work-related diseases and injuries. Morbidity and Mortality Weekly Report. Centers for Disease Control. Washington, DC: U.S. Department of Health and Human Services.
- U.S. Department of the Interior, Bureau of Land Management.** n.d. Fish and wildlife 2000—A plan for the future. U.S. Department of the Interior, Bureau of Land Management.
- U.S. Department of the Interior.** n.d. National Environmental Policy Act of 1969. Departmental Manual, Part 516 DM 1-7.
- U.S. Department of the Interior, Bureau of Land Management.** 1978b. Water quality manual. Section 7240.
- U.S. Department of the Interior, Bureau of Land Management.** 1981a. Integrated pest management manual. Section 9220.
- U.S. Department of the Interior, Bureau of Land Management.** 1983. Management of designated wilderness areas manual. Section 8560.
- U.S. Department of the Interior, Bureau of Land Management.** 1984a. National range handbook. Handbook H-4410-1.
- U.S. Department of the Interior, Bureau of Land Management.** 1984b. Grazing management manual. Handbook H-4120-1.
- U.S. Department of the Interior, Bureau of Land Management.** 1984c. Rangeland monitoring: Actual use studies. Technical Reference 4400-2.
- U.S. Department of the Interior, Bureau of Land Management.** 1984d. Rangeland monitoring: Utilization studies. Technical Reference 4400-3.
- U.S. Department of the Interior, Bureau of Land Management.** 1984e. Visual resources management manual 8400. Washington, DC.
- U.S. Department of the Interior, Bureau of Land Management.** 1985. Fire management manual 9210.
- U.S. Department of the Interior, Bureau of Land Management.** 1985. Northwest area noxious weed control program, final environmental impact statement. Washington, DC.
- U.S. Department of the Interior, Bureau of Land Management.** 1985a. Northwest Area noxious weed control program, final environmental impact statement.
- U.S. Department of the Interior, Bureau of Land Management.** 1985b. Renewable resource improvements and treatments manual. Section 1740.
- U.S. Department of the Interior, Bureau of Land Management.** 1985c. Renewable resource improvements, practices, and standards manual. Section 1741.
- U.S. Department of the Interior, Bureau of Land Management.** 1986. Supplement to the Western Oregon Program EIS: Management of Competing Vegetation. Draft Environmental Impact Statement. Washington, DC: Bureau of Land Management.
- U.S. Department of the Interior, Bureau of Land Management.** 1986. Visual resources inventory handbook 8410-1. Washington, DC.
- U.S. Department of the Interior, Bureau of Land Management.** 1987. Supplement to the Northwest Area Noxious Weed Control Program Environmental Impact Statement. Washington, DC: Bureau of Land Management.
- U.S. Department of the Interior, Bureau of Land Management.** 1987a. Supplement to the Northwest Area Noxious Weed Control Program, Final Environmental Impact Statement.

REFERENCES

- U.S. Department of the Interior, Bureau of Land Management. 1987b.** Renewable resource improvement and treatment guidelines and procedures manual. Handbook H-1740-1.
- U.S. Department of the Interior, Bureau of Land Management. 1987c.** Fire planning manual. Section 9211.
- U.S. Department of the Interior, Bureau of Land Management. 1987d.** Fire training and qualifications manual. Section 9215.
- U.S. Department of the Interior, Bureau of Land Management. 1987e.** Interim management policy and guidelines for lands under wilderness review manual. Handbook H-8550-1.
- U.S. Department of the Interior, Bureau of Land Management. 1987f.** Public Land Statistics. Washington, DC: U.S. Government Printing Office.
- U.S. Department of the Interior, Bureau of Land Management. 1987g.** California vegetation management, draft environmental impact statement. Washington, DC.
- U.S. Department of the Interior, Bureau of Land Management. 1987h.** Recreation inventory manual 8310. Washington, DC.
- U.S. Department of the Interior, Bureau of Land Management. 1988a.** National Environmental Policy Act handbook. Handbook H-1790-1.
- U.S. Department of the Interior, Bureau of Land Management. 1988b.** Prescribed fire management manual. Section 9214.
- U.S. Department of the Interior, Bureau of Land Management. 1988c.** Chemical pest control manual. Handbook H-9011-1.
- U.S. Department of the Interior, Bureau of Land Management. 1988d.** Management of designated wilderness areas manual. Handbook H-8560-1.
- U.S. Department of the Interior, Bureau of Land Management. 1988e.** Cultural resource management manual. Sections 8100-8160.
- U.S. Department of the Interior, Bureau of Land Management. 1988f.** Public land statistics: 1987. Washington, DC: U.S. Government Printing Office.
- U.S. Department of the Interior, Bureau of Land Management. 1989a.** California vegetation management, final environmental impact statement.
- U.S. Department of the Interior, Bureau of Land Management. 1989b.** Western Oregon program—Management of competing vegetation, final environmental impact statement.
- U.S. Department of the Interior, Bureau of Land Management. 1990.** Fire reporting System. Database on Honeywell DPS-8000 at Service Center, Denver Federal Center, Denver, CO.
- U.S. Department of the Interior, Bureau of Land Management. 1990.** The State of the Public Rangelands.
- U.S. Department of the Interior, Bureau of Land Management. 1990.** A Strategy for Management of Special Status Fishes and Their Ecosystems on Public Lands - Draft.
- U.S. Department of the Interior, Bureau of Land Management. 1990.** Use of biological control agents of pests on public lands manual 9014.
- U.S. Department of Justice, U.S. Drug Enforcement Administration. 1985.** Final environmental impact statement on the eradication of cannabis on federal lands in the continental United States. Washington, DC: U.S. Department of Justice.
- U.S. Department of Justice, U.S. Drug Enforcement Administration. 1986.** Final environmental impact statement on the eradication of cannabis on non-federal and Indian lands in the contiguous United States and Hawaii. Washington, DC: U.S. Department of Justice.
- U.S. Environmental Protection Agency. 1975.** Initial scientific and minieconomic review of bromacil. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1978.** Proposed guidelines for registering pesticides in the U.S.—Hazard evaluation: humans and domestic animals. Federal Register: 37335-37403. August 22, 1978.
- U.S. Environmental Protection Agency. 1979.** Protecting visibility: An EPA report to Congress. Report Number EPA-450/5-79-008. Research Triangle Park, NC: Office of Air Quality Planning and Standards.
- U.S. Environmental Protection Agency. 1982.** Guidance for the reregistration of pesticide products containing hexazinone. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1983.** Atrazine science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1983.** Diuron science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1983.** Guidance for the reregistration of pesticide products containing dicamba as the active ingredient. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1983.** Simazine science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1983a.** Atrazine science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1983b.** Guidance for the reregistration of pesticide products containing dicamba as the active ingredient. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1983c.** Dicamba science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1983d.** Diuron science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1983e.** Simazine science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984.** Guidance for the reregistration of pesticide products containing simazine as the active ingredient. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1984.** Summary of results of studies submitted in support of the registration of dalapon. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984.** Summary of results of studies submitted in support of the registration of dicamba. Washington, DC: Office of Pesticides and Toxic Substances.

REFERENCES

- U.S. Environmental Protection Agency. 1984.** Summary of results of studies submitted in support of the registration of sulfometuron methyl. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984.** Summary of studies submitted in support of registration of diuron. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984a.** Summary of results of studies submitted in support of the registration of amitrole. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984b.** Amitrole science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984a.** Health effects assessment for benzo(a)pyrene. Cincinnati, OH: Environmental Criteria and Assessment Office.
- U.S. Environmental Protection Agency. 1984b.** Health effects assessment for benzene. Cincinnati, OH: Environmental Criteria and Assessment Office.
- U.S. Environmental Protection Agency. 1984b.** Summary of results of studies submitted in support of the registration of atrazine. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984c.** Summary of results of studies submitted in support of the registration of bromacil. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984d.** Summary of results of studies submitted in support of the registration of dalapon. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984e.** Summary of results of studies submitted in support of the registration of glyphosate. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984f.** Summary of results of studies submitted in support of the registration of hexazinone. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984g.** Summary of results of studies submitted in support of the registration of picloram. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984h.** Picloram science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1984i.** Summary of results of studies submitted in support of the registration of sulfometuron methyl. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985.** Internal memorandum on the preliminary risk assessment for bromacil based on Haskel study # 893-80 in CD-1 mice, Case # 111. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985.** Internal memorandum on the consensus review of glyphosate. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985.** Pesticide fact sheet for imazapyr. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985.** Status report on the toxicological studies under review, or expected to be reviewed, for the herbicides paraquat, glyphosate, and 2,4-D. October 3rd memorandum to Charles Sherman. Washington, DC: U.S. Drug Enforcement Administration.
- U.S. Environmental Protection Agency. 1985a.** Risk assessment on amitrole. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985b.** Guidance for re-registration of pesticide products containing amitrole as the active ingredient. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985a.** Bromacil science chapters. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985b.** Imazapyr pesticide fact sheet. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985c.** Summary of results of studies submitted in support of the registration of triclopyr. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1985d.** Hazard Evaluation Division, standard evaluation procedure, acute toxicity test for freshwater fish. EPA-540/9-85-006. Prepared by E. Zucker. NTIS PB86-129277. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1986.** Guidelines for the health risk assessment of chemical mixtures. Federal Register 52(185): 34014-34025. September 24, 1986.
- U.S. Environmental Protection Agency. 1986.** Guidance for the registration of pesticide products containing formaldehyde and paraformaldehyde. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986.** Guidelines for mutagenicity risk assessment. Federal Register 51 (185): 34006-34012. September 24, 1986.
- U.S. Environmental Protection Agency. 1986.** Hazard Evaluation Division standard evaluation procedure: Ecological risk assessment. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1986.** List of suspect or oncogenic pesticide chemicals. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986.** Standard evaluation procedure ecological risk assessment. Washington, DC: Hazard Evaluation Division, Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1986.** Summary of results of studies submitted in support of the registration of bromacil. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986.** Summary of results of studies submitted in support of the registration of hexazinone. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986.** Summary of results of studies submitted in support of the registration of tebuthiuron. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986.** Summary of studies submitted in support of registration of diuron. Washington, DC: Office of Pesticides and Toxic Substances.

REFERENCES

- U.S. Environmental Protection Agency. 1986.** Summary of studies submitted in support of the registration of triclopyr. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986a.** Letter to John Neiss, U.S. Forest Service, regarding the NOEL for dicamba. April 4, 1986. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986a.** Summary of studies submitted in support of registration of 2,4-D. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986b.** Chemical fact sheet for 2,4-D. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986c.** Internal memorandum on the carcinogenic risk assessments of 2,4-D. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986a.** EPA tox one-liner for glyphosate. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986b.** Guidance for the reregistration of pesticide products containing glyphosate as the active ingredient. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1986a.** Chemical information fact sheet for 2,4-D. August 1986. Washington, DC.
- U.S. Environmental Protection Agency. 1986b.** Summary of results of studies submitted in support of the registration of dicamba. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1986c.** Summary of results of studies submitted in support of the registration of diuron. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986d.** Tox 1-liner for glyphosate. Washington, DC: Office of Pesticides Programs.
- U.S. Environmental Protection Agency. 1986e.** Guidance for the reregistration of pesticide products containing glyphosate as the active ingredient. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1986f.** Summary of results of studies submitted in support of the registration of simazine. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986g.** Summary of results of studies submitted in support of the registration of tebuthiuron. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1986h.** Summary of studies submitted in support of registration of triclopyr. Washington, DC: Office of Pesticide Programs.
- U.S. Environmental Protection Agency. 1987.** Agricultural chemicals in ground water: Proposed pesticide strategy. U.S. EPA, Office of Pesticides and Toxic Substances, Washington, D.C., 150 pp.
- U.S. Environmental Protection Agency. 1987.** Atrazine health advisory (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987.** Bromacil health advisory (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987.** Dicamba health advisory (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987.** Diuron health advisory (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987.** Health advisory for hexazinone (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987.** Toxicology chapter of the registration standard for tebuthiuron. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1987a.** Dalapon health advisory (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987b.** Guidance for the reregistration of pesticide products containing dalapon as the active ingredient. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1987a.** Health Advisory for simazine (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987b.** Summary of studies submitted in support of reregistration of simazine. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1987a.** Atrazine health advisory (draft). Washington, DC: Office of Drinking Water.
- U.S. Environmental Protection Agency. 1987b.** Correspondence of Robert Taylor, EPA, to Kevin Cannon, Monsanto Company, regarding review of glyphosate dog study. June 9, 1987. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** EPA tox one-liner for atrazine. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** EPA tox one-liner for clopyralid. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** EPA tox one-liner for dicamba. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** EPA tox one-liner for glyphosate. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** Guidance for the reregistration of pesticide products containing 2,4-dichlorophenoxyacetic acid (2,4-D). Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** Guidance for the reregistration of pesticide products containing hexazinone as the active ingredient. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** Integrated Risk Information System (IRIS). Cincinnati, OH: Office of Research and Development.
- U.S. Environmental Protection Agency. 1988.** Summary of results of studies submitted in support of the registration of bromacil. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** Summary of studies submitted in support of the registration of triclopyr. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988.** Tox one-liner for mefluidide. Washington, DC: Office of Pesticides and Toxic Substances.

REFERENCES

- U.S. Environmental Protection Agency. 1988a.** Integrated risk information system (IRIS). Cincinnati, OH: Office of Research and Development.
- U.S. Environmental Protection Agency. 1988b.** EPA tox one-liner for chloresulfuron. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988b.** EPA tox one-liner for metsulfuron methyl. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988a.** Guidance for the registration of pesticide products containing picloram as the active ingredient. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1988b.** Summary of results of studies submitted in support of the registration of picloram. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1989.** Hazardous Substances Databank. On-line information retrieval system. Bethesda, MD: National Library of Medicine.
- U.S. Environmental Protection Agency. 1989.** Lists of chemicals used as inert ingredients in pesticide formulations. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1989.** Reference dose (RfD) tracking report. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1989.** Supplement to Compilation of Air Pollutant Emission Factors, AP-42. Section 11.1.3, Prescribed Burning. Office of Air Quality Planning and Standards. Research Triangle Park, NC.
- U.S. Environmental Protection Agency. 1989a.** Information concerning simazine for the Scientific Advisory Panel. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Environmental Protection Agency. 1989b.** Reference dose (RfD) tracking report. Washington, DC: Office of Pesticides and Toxic Substances.
- U.S. Office of Science and Technology Policy. 1985.** Chemical carcinogens: a review of the science and its associated principles. Federal Register 10371-10442. March 14, 1985.
- Uchytel, R. 1988.** *Calamovilfa longifolia*. In Fire effects information system (data base), comp. William C. Fischer. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Science Laboratory. (In Chapter 3 of the document.)
- Uchytel, R. 1988a.** *Calamovilfa longifolia*. (In Appendix F of the document.)
- Uchytel, Ronald. 1988b.** *Hilaria mutica*.
- Uechert, D. N., T. L. Whigham, and B. M. Spears. 1978.** Effect of burning on infiltration, sediment and other soil properties in a mesquite-tobosa grass community. *Journal of Range Management* 31:420-425.
- University of Wyoming. 1988.** Wyoming weed control guide. Wyoming. Cooperative Extension Service.
- Urness, P. J. 1974.** Deer use changes after rootplowing in Arizona chaparral. Research Note RM-255. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Valentine, K. A. 1947.** Effect of water-retaining and water-spreading structures in revegetating semidesert rangeland. Bulletin 341. New Mexico Agricultural Experimental Station.
- Valentine, J. F. 1971.** Range development and improvements. 1st. ed. Provo, UT: Brigham Young University Press.
- Valentine, J. F. 1980.** Range development and improvements. 2d ed. Provo, UT: Brigham Young University Press.
- Valentine, J. F. 1983.** Mechanical brush control methods. In Proceedings, brush management symposium, ed. K. C. McDaniel, 53-59. Denver, CO: Society for Range Management.
- Van Epps, G. A. 1974.** Control of Gambell oak with three herbicides. *Journal of Range Management* 27:297-301.
- Vaughan, A. 1987.** Personal communication, Ecological Effects Branch, Hayard Evaluation Division, EPA.
- Volk, W. A., and M. F. Wheeler, eds. 1983.** Basic microbiology. 4th ed. Toronto, Ontario: J. B. Lippincott Company.
- Wade, D. D., and R. W. Johnson. 1986.** Effects of fire on southern pine: Observations and recommendations. General Technical Report SE-41. Asheville, NC: United States Department of Agriculture, Forest Service, Southeastern Research Station.
- Wagle, R. F. 1981.** Fire: Its effects on plant succession and wildlife in the Southwest. RR281. University of Arizona, Tucson.
- Waldron, A. C. 1985.** Minimizing pesticide exposure risk for the mixer-loader, applicator, and field worker. In Dermal exposure related to pesticide use, ed. R. C. Honeycutt, G. Zweig, and N. N. Ragsdale. ACS symposium series no. 273. American Chemical Society.
- Wallis, W. E., A. von Poznak, and F. Plum. 1970.** Generalized muscular stiffness, fasciculations, and myokymia of peripheral nerve origin. *Archives of Neurology* 22:430-439.
- Ward, A. L. 1973.** Sagebrush control with herbicide has little effect on elk calving behavior. Research Note RM-240. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Station.
- Warren, P. L., and S. L. Anderson. 1985.** Gradient analysis of a Sonoran Desert wash. In Riparian ecosystems and their management. General Technical Report RM-120:150-155. U.S. Department of Agriculture, Forest Service.
- Wauchope, R. D., D. Goss, A. Hornsby. 1991.** The Soil Conservation Service/Agriculture Research Service/Cooperative Extension Service pesticide properties database. Submitted to Rev. Environ. Contamin. Toxicol.
- Weaver, H. R., and W. L. Haskell. 1967.** Some fall foods of Nevada chukker partridge. *Journal of Wildlife Management* 31:582-584.
- Weed Science Society of America. 1979.** Herbicide handbook. 4th ed. Champaign, IL.
- Weed Science Society of America. 1983.** Herbicide handbook, 5th ed. Champaign, IL: Weed Science Society of America.
- Weeks, A. 1985.** Unpublished data, National Institutes of Health.
- Weininger, R. B., G. Davis, and C. D. Hawks. 1987.** Herbicides and cancer. *Journal of the American Medical Association* 257 (17): 2292.
- Weins, J. A., and G. S. Innis. 1974.** Estimation of energy flow in bird communities: A population bioenergetics model. *Ecology* 55:730-746.
- Wells, C. G., R. E. Cambell, L. F. DeBano, C. E. Lewis, R. L. Frederickson, E. C. Franklin, R. C. Froelich, and P. H. Dunn. 1979.** Effects of fire on soil. General Technical Report WO-7. Washington, DC: U.S. Department of Agriculture, Forest Service.
- Welty, J. C. 1962.** *The life of birds*. Philadelphia: W. B. Saunders.

REFERENCES

- Wernert, S. J., ed. 1982. *North American wildlife*. Pleasantville, New York: Reader's Digest Association Inc.
- West, N. E. 1968. Rodent-influenced establishment of ponderosa pine and bitterbrush seedlings in central Oregon. *Ecology* 49 (5): 1009-1011.
- West, N.E., ed. 1983. *Ecosystems of the World 5, Temperate Deserts and Semi-Deserts*. Elsevier Scientific Publishing Co., Amsterdam, Netherlands.
- West, N. E. 1984. Successional patterns and productivity potentials of pinyon-juniper ecosystems. In *Developing strategies for rangeland management, 1301-1332*. National Research Council/National Academy of Sciences. Boulder, CO: Westview Press.
- West, N. E., and M. A. Hassan. 1985. Recovery of sagebrush-grass vegetation following wildfire. *Journal of Range Management* 38:131-134.
- West, N. E. and N. Van Pelt. 1987. Successional patterns in pinyon-juniper woodlands, pp. 43-52. In *Proc. Pinyon-Juniper Conference*. USDA Forest Service. Gen. Tech. Rep. INT-215. Intermountain Research Station. Ogden, Utah.
- Whitaker, J. O., Jr. 1980. *The Audubon Society field guide to North American mammals*. New York: Alfred A. Knopf.
- White, R. S., and P. O. Cusive. 1983. The effects of prescribed burning on silver sagebrush. *Journal of Range Management* 36:611-613.
- Whitney, S. 1985. *Western forests: The Audubon Society nature guides*. New York: Alfred A. Knopf.
- Whitson, T. D., and H. P. Alley. 1984. Tebuthiuron effects on *Artemisia* spp. and associated grasses. *Weed Science* 30:180-184.
- Wicks, G. A., C. R. Fenster, and O. C. Burnside. 1969. Selective control of plains pricklypear in rangeland with herbicides. *Weed Science* 17:408-411.
- Wiklund, K. and L. E. Holm. 1986. Soft tissue sarcoma risk in Swedish agricultural and forestry workers. *Journal of the National Cancer Institute* 76 (2): 229-234.
- Wilbert, D. E. 1963. Some effects of sagebrush chemical control on elk distribution. *Journal of Range Management* 16:74-78.
- Wildlife Management Institute. 1980. *Big game of North America. Ecology and Management*. Stackpole Books.
- Williams, G., G. F. Gifford, and G. B. Coltharp. 1969. Infiltration studies on treated vs. untreated pinyon-juniper sites in Utah. *Journal of Range Management* 22:110-114.
- Williams, G., G. F. Gifford, and G. B. Coltharp. 1972. Factors influencing infiltration and erosion on chained pinyon-juniper sites in Utah. *Journal of Range Management* 25:201-205.
- Williams, Jack E., David B. Bowman, James E. Brooks, Anthony A. Echelle, Robert J. Edwards, Dean A. Hendrickson, and Jerry J. Landye. 1985. *Endangered Aquatic Ecosystems in North American Deserts with a List of Vanishing Fishes of the Region*. Arizona-Nevada Academy of Science.
- Wimer S. K., J. K. Ward, B. E. Anderson, and S. S. Waller. 1986. Mefluidide effects on smooth brome composition and grazing cow-calf performance. *Journal of Animal Science* 63:1054-1062.
- Wink, R. L., and H. A. Wright. 1973. Effects of fire on an Ash juniper community. *Journal of Range Management* 26:326-329.
- Winkler, G. 1987a. *Aristida purpurea*. In *Fire effects information system (data base)*, comp. William C. Fischer. Missoula, MT: United States Department of Agriculture, Forest Service, Intermountain Research Station, Intermountain Fire Sciences Laboratory.
- Winkler, G. 1987b. *Buchloe dactyloides*.
- Winkler, G. 1987c. *Poa fendleriana*.
- Wolfe, H. R. 1972. Protection of workers from exposure to pesticides. *Pest Control* 40 (2): 17-18.
- Wolfe, N. L., R. G. Zepp, J. A. Gordon, and R. C. Flincher. 1976. N-nitrosamine formation from atrazine. *Bulletin of Environmental Contamination and Toxicology* 15 (3): 342-347.
- Wolfsdorf, J. 1976. Kerosene intoxications: an experimental approach to the etiology of the CNS manifestations in primates. *Journal of Pediatrics* 88 (6): 1037-1040.
- Woodward, D. F. 1976. Toxicity of the herbicides dinoseb and picloram to cutthroat (Salmo clarki) and lake trout (Salvelinus namaycush). *Journal of the Fisheries Research Board of Canada* 33 (8): 1671-1676.
- Woodward, D. F. 1979. Assessing the hazard of picloram to cutthroat trout. *Journal of Range Management* 32 (3): 230-232.
- World Health Organization. 1984. *Environmental health criteria 29: 2,4-dichlorophenoxyacetic acid (2,4-D)*. Geneva, Switzerland.
- Worthing, C. R. 1983. *The pesticide manual, a world compendium*. 7th ed. British Crop Protection Council.
- Wright H. A., and A. W. Bailey. 1980. Fire ecology and prescribed burning in the Great Plains—A research review. Ogden, UT: General Technical Report INT-77. U.S. Department of Agriculture, Forest Service, Intermountain Research Station.
- Wright, E., and W. B. Bollen. 1961. Microflora of Douglas-fir forest soil. *Ecology* 42:825-828.
- Wright, H. A. 1970. A method to determine heat-caused mortality in bunchgrasses. *Ecology* 51 (4): 582-587.
- Wright, H. A. 1971. Why squirreltail is more tolerant to burning than needle-and-thread. *Journal of Range Management* 24 (4): 277-284.
- Wright, H. A. 1974. Effect of fire on southern mixed prairie grasses. *Journal of Range Management* 27:417-419.
- Wright, H. A. 1974a. Effect of fire on southern mixed prairie grasses. *Journal of Range Management* 27:417-419.
- Wright, H. A. 1974b. Range burning. *Journal of Range Management* 27:5-11.
- Wright, H. A. 1980. The role and use of fire in the semidesert grass-shrub type. General Technical Report INT-85. U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, Ogden, UT.
- Wright, H. A. 1985. Effects of fire on grasses and forbs in sagebrush-grass communities. In *Rangeland fire effects: A symposium*, eds., K. Sanders, and J. Durham 12-21. U.S. Department of the Interior, Bureau of Land Management. Boise, ID: Idaho State Office.
- Wright, H. A. 1990. Role of fire in the management of southwestern ecosystems, pp. 1-5. In *Proc. of Symposium: Effects of Fire Management of Southwestern Natural Resources*. USDA Forest Service. Gen. Tech. Rep. RM-191. Rocky Mountain Forest and Range Experiment Station. Fort Collins, Colorado.

REFERENCES

- Wright, H. A., and A. W. Bailey. 1980. Fire ecology and prescribed burning in the Great Plains—A research review. General Technical Report INT-77. U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, Ogden, UT.
- Wright, H. A., and A. W. Bailey. 1982. *Fire ecology*. United States and southern Canada. New York: John Wiley and Sons, Wiley-Interscience Publication.
- Wright, H. A., F. M. Churchill, and W. C. Stevens. 1976. Effects of prescribed burning on sediment, water yield, and water quality from dozed juniper lands in central Texas. *Journal of Range Management* 29:294-298.
- Wright, H. A., L. F. Neuenschwander, and C. M. Britton. 1979. The role and use of fire in sagebrush-grass and pinyon-juniper plant communities: A state-of-the-art review. General Technical Report INT-58. U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, Ogden, UT.
- Wright, J. R., and F. H. Siddoway. 1972. Improving precipitation-use efficiency on rangeland by surface modification. *Journal of Soil and Water Conservation* 27:170-174.
- Wright, J. R., and L. M. White. 1974. Interseeding and pitting on a sandy range site in eastern Montana. *Journal of Range Management* 27:206-210.
- Yates, W. E., N. B. Akesson, and D. E. Bayer. 1978. Drift of glyphosate sprays applied with aerial and ground equipment. *Weed Science* 26 (6): 597-604.
- Yoakum, J., R. E. Eckert, Jr., and G. C. Christensen. 1969. Management and research on meadowlands in Nevada. In 6th biennial western states sage grouse workshop, 141-147. WY: Rock Springs.
- Yoakum, J. D. 1975. Antelope and livestock on rangelands. *Journal of Animal Science* 40:985-988.
- Young, J. A., and J. D. Budy. 1987. Energy crisis in 19th century Great Basin woodlands, pp. 23-28. In Proc. Pinyon-Juniper Conference. USDA Forest Service, Gen. Tech. Rep. INT-215. Intermountain Research Station. Ogden, Utah.
- Young, J. A., R. A. Evans, and R. E. Eckert, Jr. 1969. Wheatgrass establishment with tillage and herbicides in a mesic medusahead community. *Journal of Range Management* 22:151-155.
- Young, J. A., and R. A. Evans. 1972. Conversion of medusahead to downy brome communities with diuron. *Journal of Range Management* 25:40-43.
- Young, J. C. and S. U. Khan. 1978. Kinetics of nitrosation of the herbicide glyphosate. *Journal of Environmental Science and Health B13* (1): 59-72.
- Young, R. P. 1986. Fire ecology and management of plant communities of Malheur National Wildlife Refuge southeastern Oregon. Unpublished Ph.D. thesis. 169 p. Oregon State University.
- Young, S. P., and H. H. T. Jackson. 1951. *The clever coyote*. Harrisburg, PA: Stackpole Co.
- Zar, J. H. 1968. Standard metabolism comparisons between orders of birds. *The Condor* 10 (3):278.
- Zimmerman, G. T. 1989. Personal communication. Regional fire management coordination. Denver, CO: U.S. Department of Interior, National Park Service, Rocky Mountain Region.
- Zimmerman, G. T. 1989. Personal conversation. Regional fire management coordinator. Denver, CO: USDI, National Park Service, Rocky Mountain Region.
- Zwolinski, M. J., and J. H. Ehrenreich. 1967. Prescribed burning on Arizona watersheds. In *Proceedings of the tall timbers fire ecology conference* 7:195-205.
- Zwolinski, M. J. 1990. Fire effects on vegetation and succession, pp. 18-24. In Proc. of Symposium: Effects of Fire Management of Southwestern Natural Resources. USDA Forest Service. Gen. Tech. Rep. RM-191. Rocky Mountain Forest and Range Experiment Station. Fort Collins, Colorado.

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